



PUBLIC SAFETY

DECEMBER 9, 2013

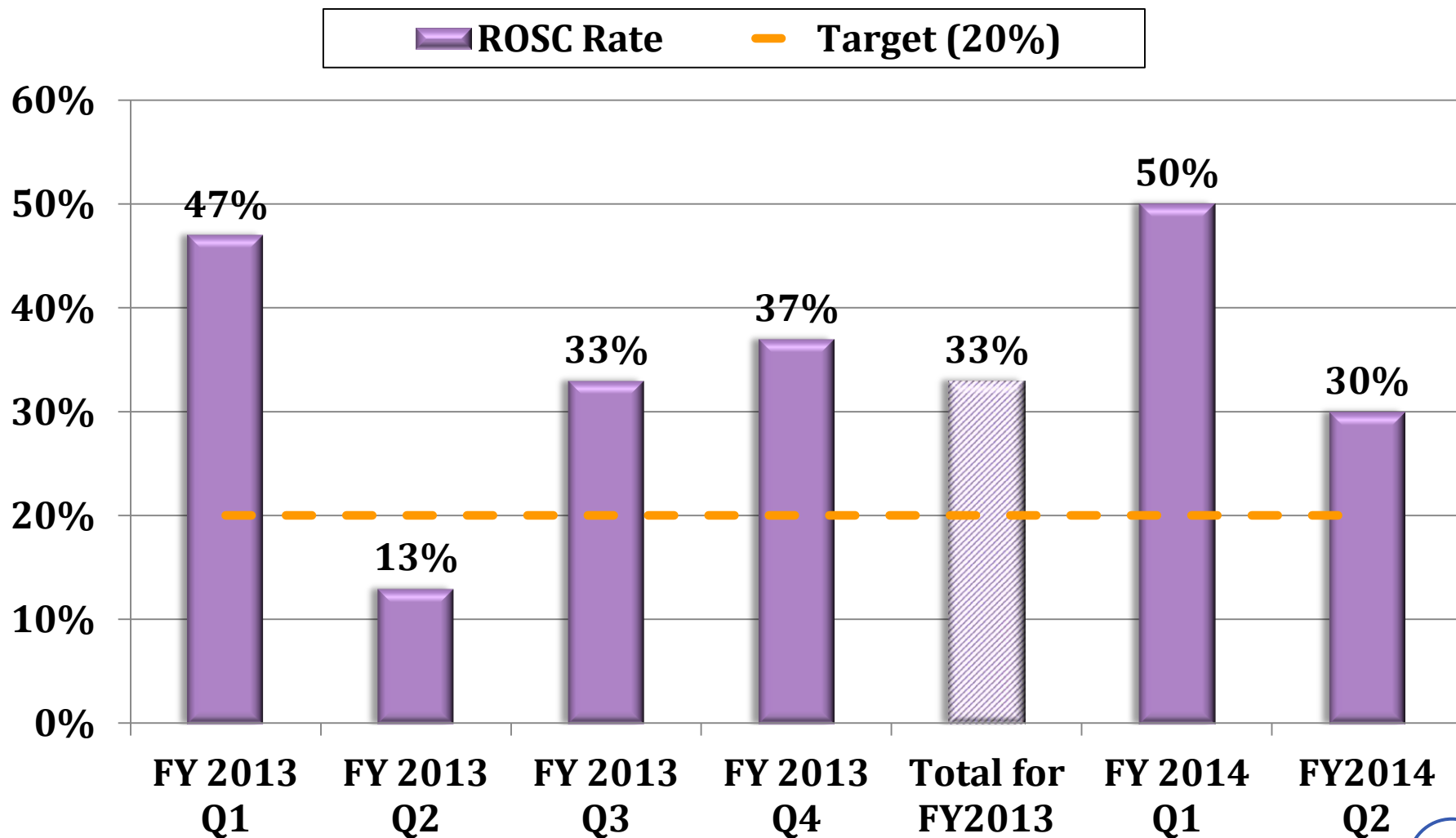
PRIORITY

**Improve emergency
medical response
times and patient
outcomes**

INDICATORS

- 1. Return of
spontaneous
circulation rate for
cardiac arrests**
- 2. Utstein survival rate**
- 3. ALS and BLS
response time for
life threatening calls**

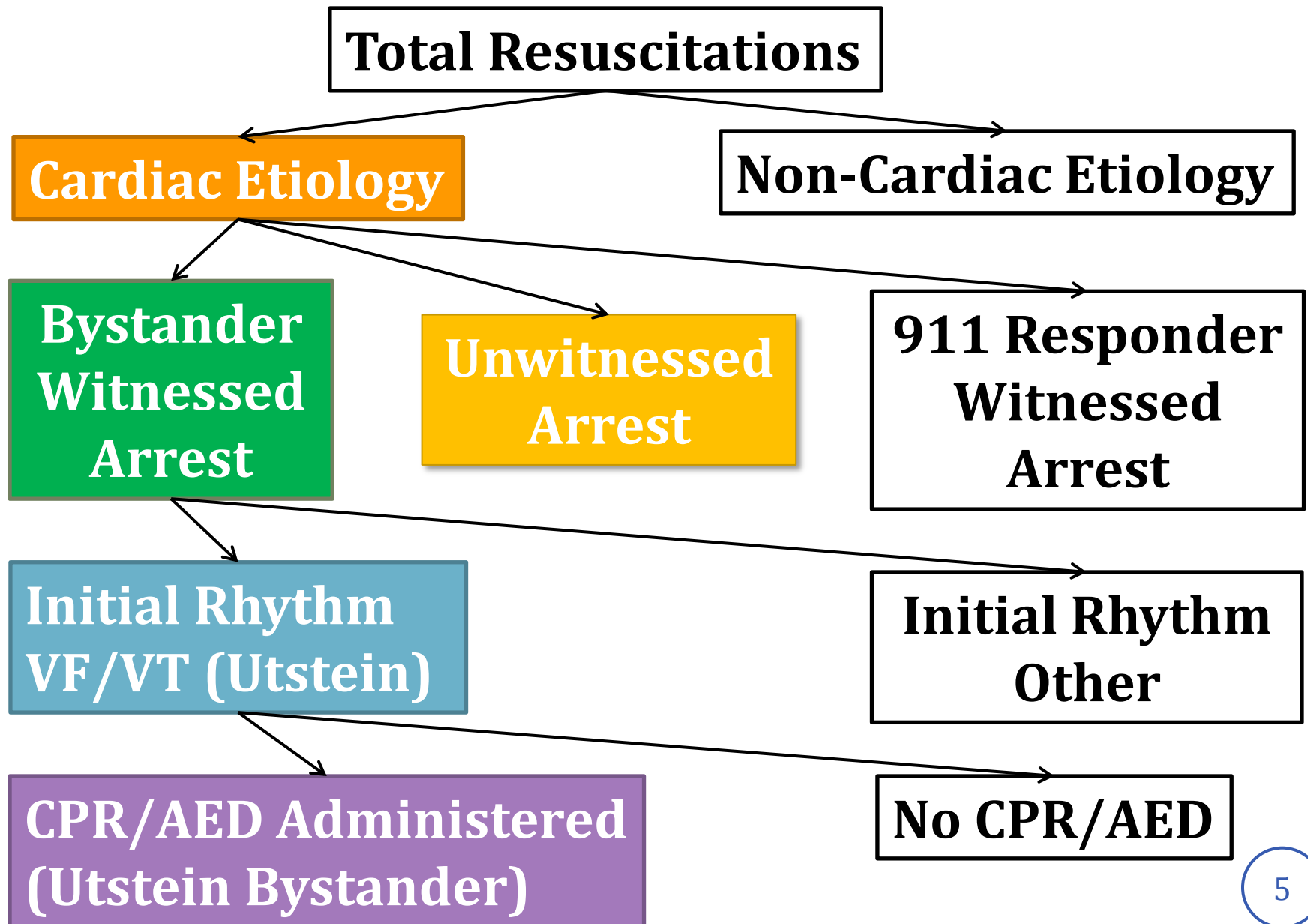
PATIENT OUTCOMES FROM EMS CARE: RETURN OF SPONTANEOUS CIRCULATION



BENCHMARKING PATIENT OUTCOMES: CARES

- ❖ **The Cardiac Arrest Registry to Enhance Survival (CARES) is a national database of cardiac arrest survival data**
- ❖ **KCMO is among about 50 cities that report data to CARES, and also can access the results**
- ❖ **Cardiac arrest data is broken down into defined categories:**
 - Utstein arrests = **witnessed** and cardiac rhythm is **shockable/treatable** (vfib or vtach). This is a way of defining the patient group with the highest likelihood of survival.
 - Utstein bystander = an Utstein arrest in which **CPR** or an **AED** was administered

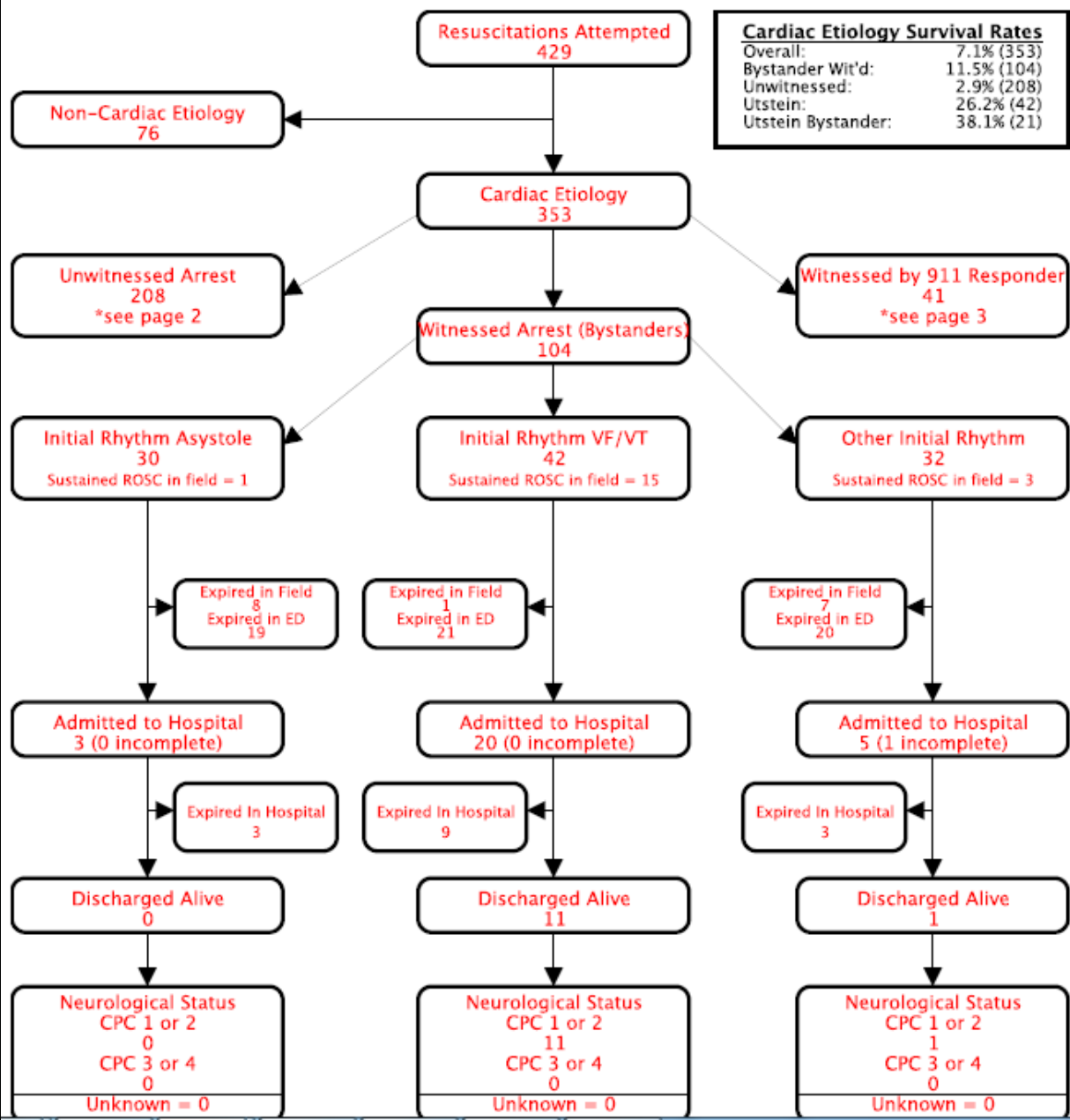
CARDIAC ARREST CATEGORIES



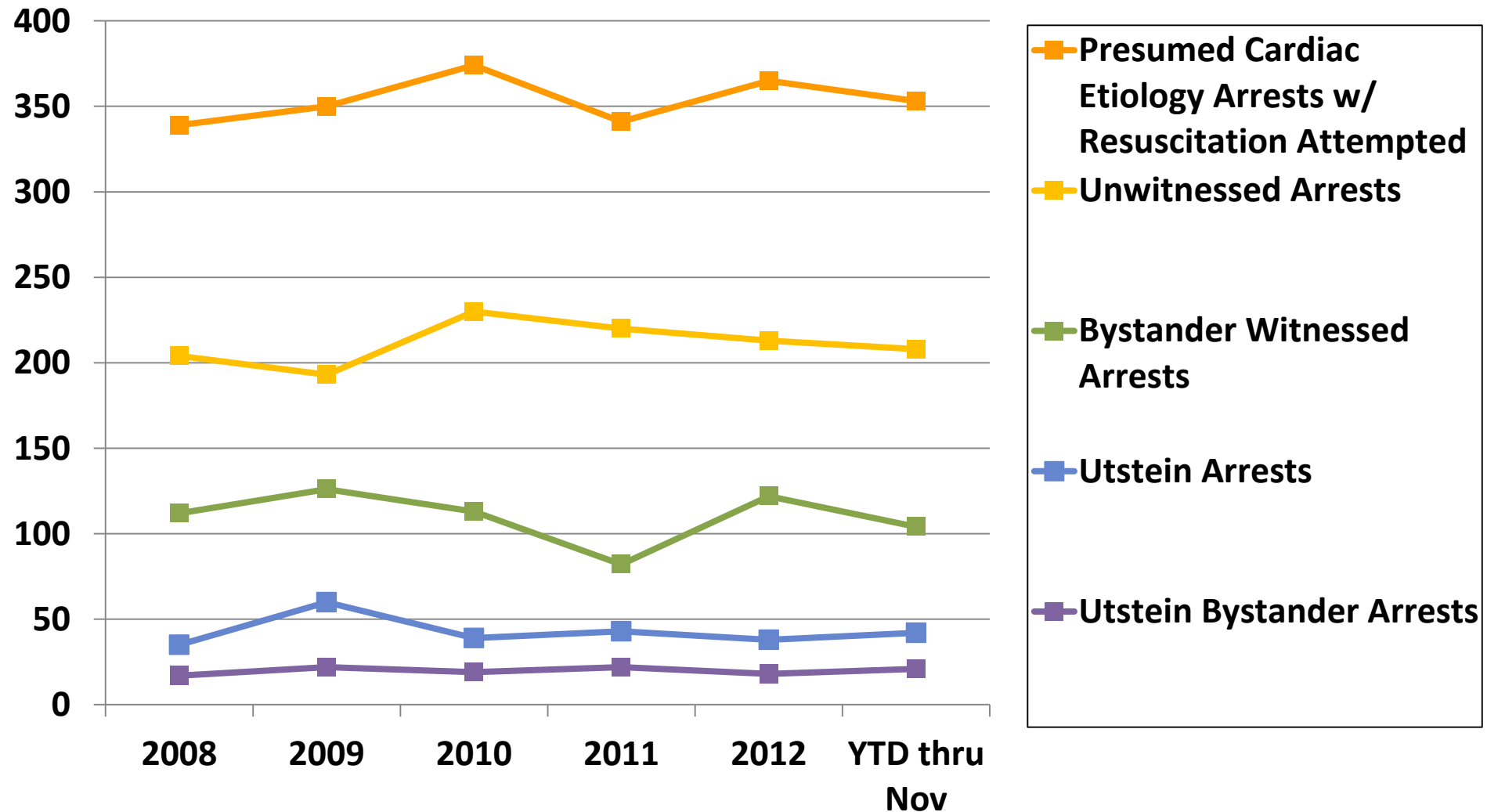
Utstein Survival Report

Kansas City Fire Department

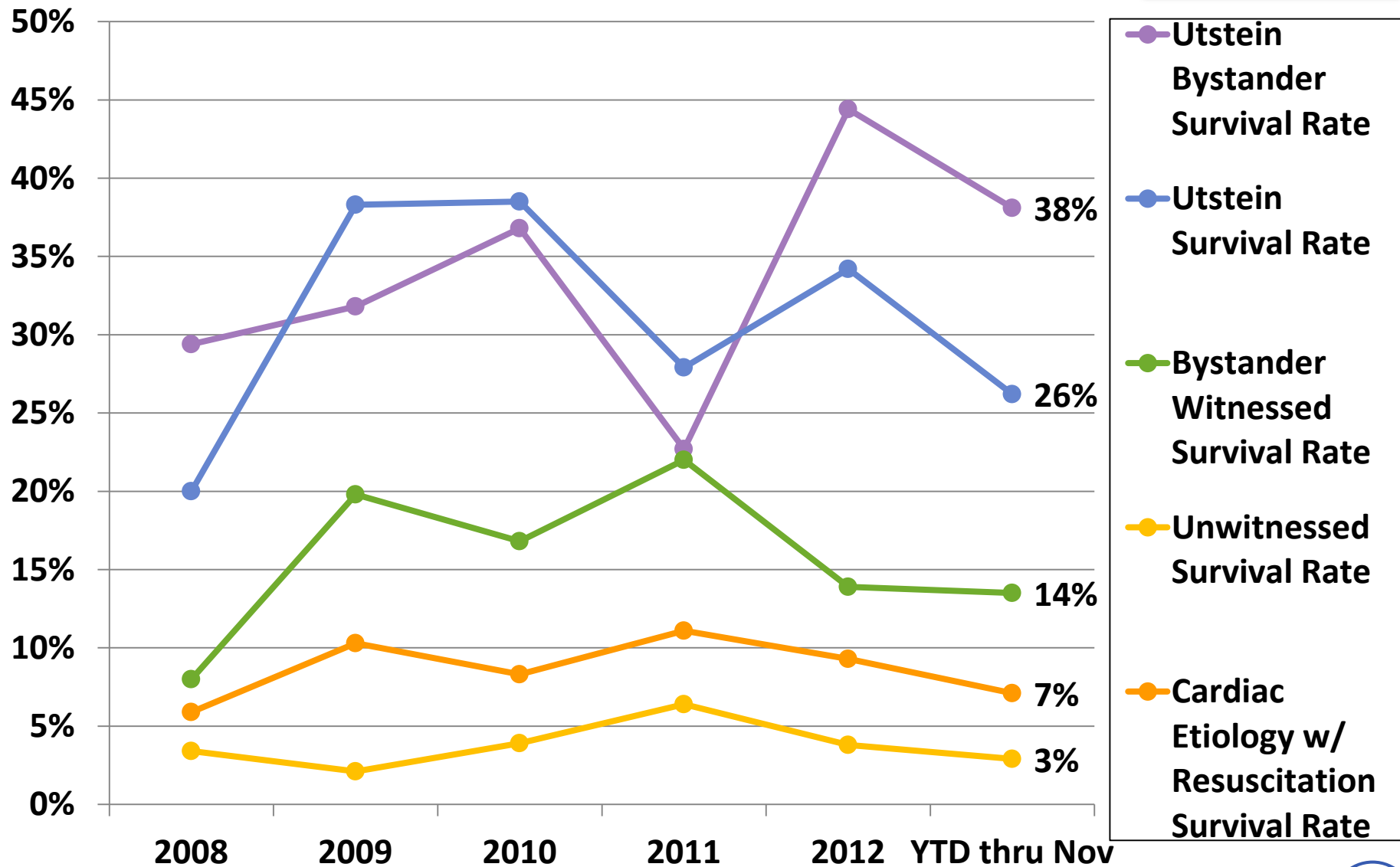
Service Date: From 01/01/2013 Through 11/30/2013



NUMBER OF CARDIAC ARRESTS BY CATEGORY



CARDIAC ARREST SURVIVABILITY BY CATEGORY



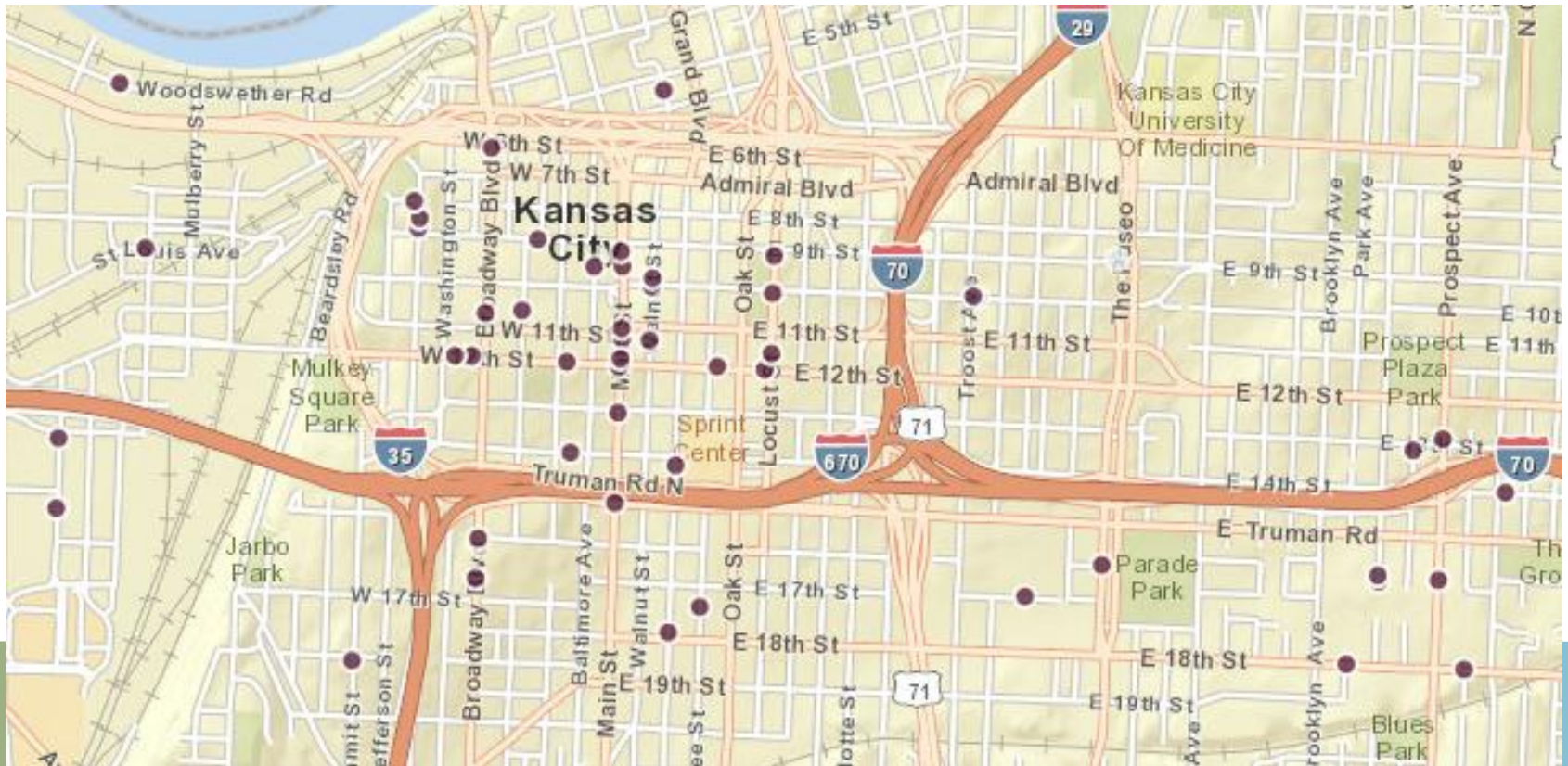
DEFIBRILLATOR REGISTRATION

- ❖ **Office of EMS Medical Director has streamlined registration for Public Access Defibrillation to ensure that AEDs are meeting all state and local requirements.**
- ❖ **Elements of registration include:**
 - Owner of AED and exact location
 - Letter of agreement from physician responsible for device
 - List of trained personnel
 - Algorithm used to activate
 - Maintenance record



DEFIBRILLATOR LOCATIONS ON OPEN DATA

<https://data.kcmo.org/Emergency/AED-Registered-Location-Map/un9v-u595>



**Data will be updated as
registrations are updated**

Source: data.kcmo.org

BYSTANDER TRAINING

❖ **KCFD is seeking a grant for equipment and video support to bring hands-only cardiac intervention training on a wide scale to our citizens**

- Application is for Safety Net grant from the Healthcare Foundation of Greater Kansas City
- Decision for grant will be released on December 11.

❖ **KCFD has delivered pilot training sessions of a hands-only cardiac arrest intervention in several areas of the City.**

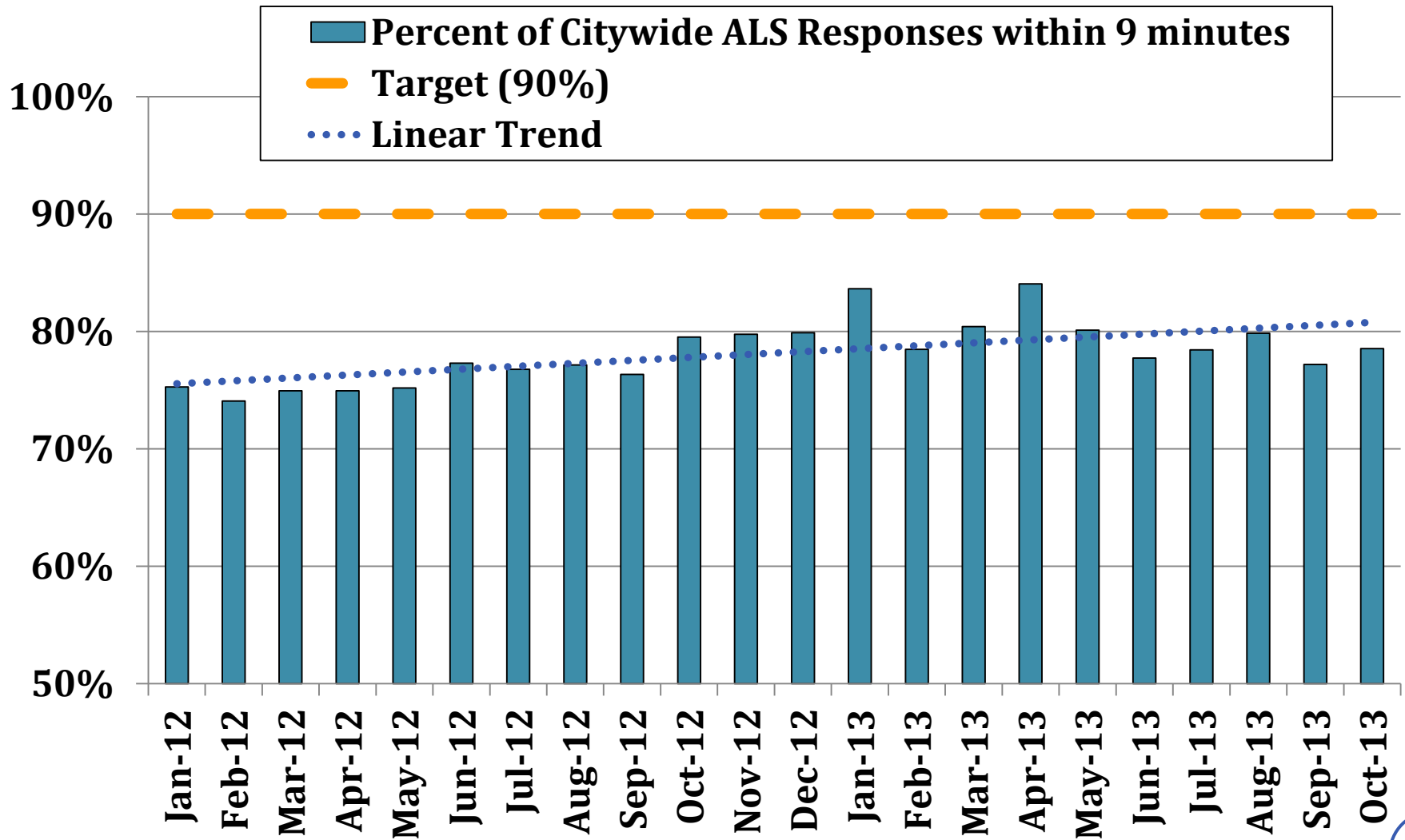
- These session do not result in additional expense to the City and have been very well received.

❖ **KCFD introduced the development of a regional initiative through the Heart of America Fire Chiefs**

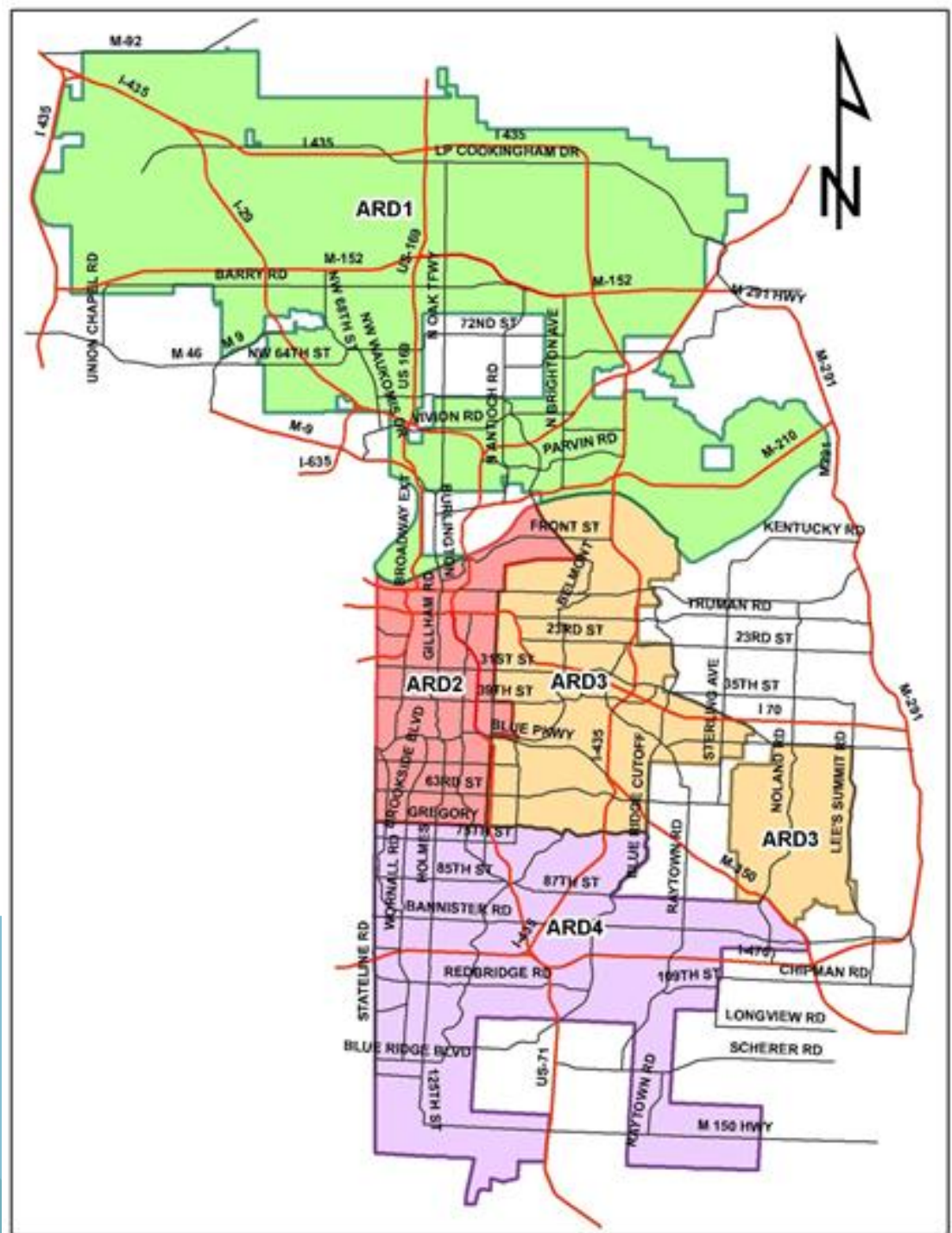
- Will create a regional platform that any Fire/EMS department can use, using existing successful initiatives such as KCKFD's Heart Safe Program

ADVANCED LIFE SUPPORT (ALS) RESPONSE COMPARED TO STANDARD

**Watch
Trend**

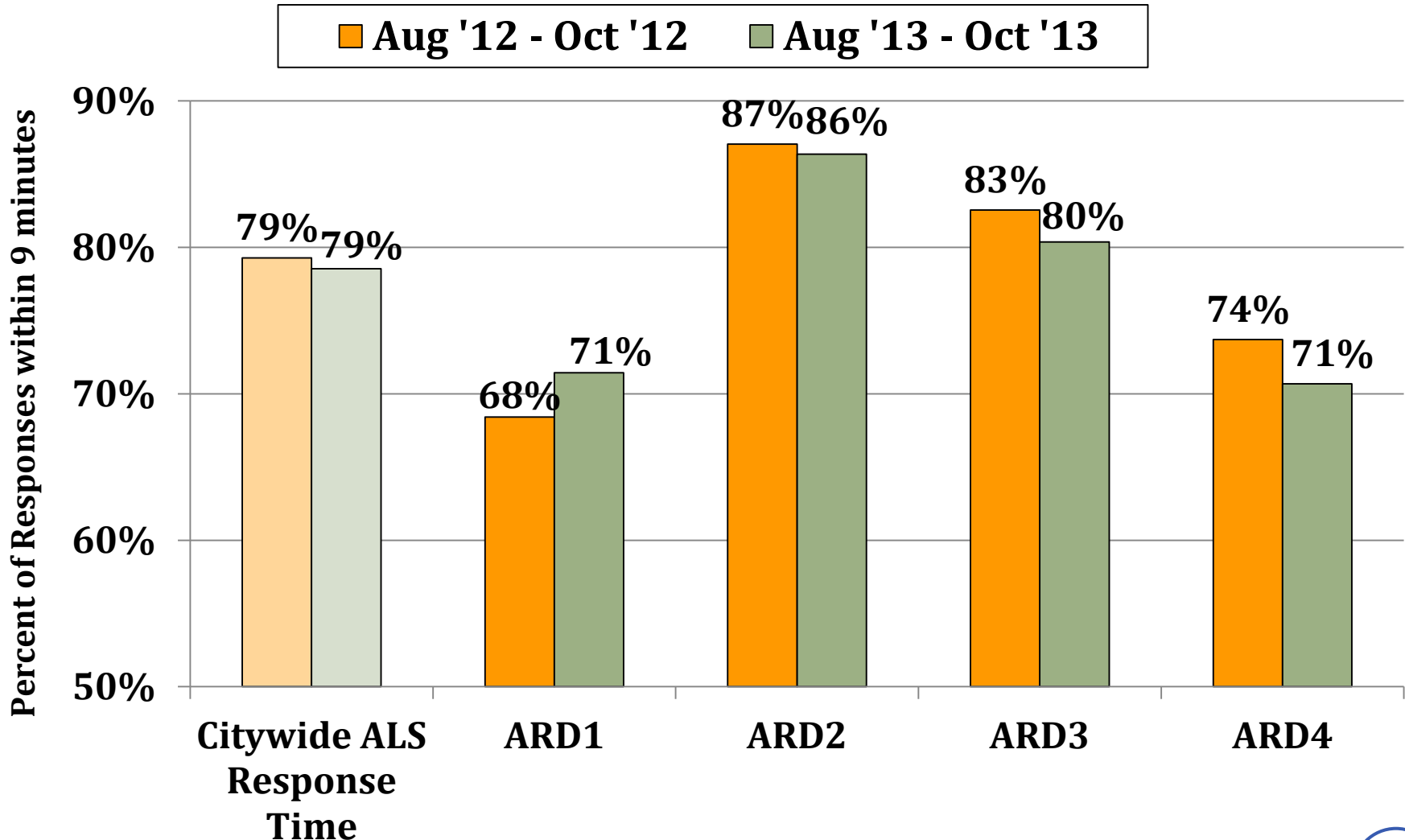


AMBULANCE RESPONSE DISTRICT BOUNDARIES














PERCENT OF ADVANCED LIFE SUPPORT (ALS) RESPONSES MEETING STANDARD BY DISTRICT

**Watch
Trend**



WHAT IS AN ALS PUMPER UNIT?

Apparatus Type	Number of Personnel	Suppression Mission	Rescue Mission	Provides BLS Care	Provides ALS Care	Patient Transport
Pumper Company	4					
ALS Pumper Company	4					
Ambulance	2					

Regarding EMS missions, ALS pumper crews provide the same level of care as ambulance crews, except transport.

Regarding other missions, ALS pumper crews provide same level of service as pumper crews.

ALS PUMPER UNIT IMPLEMENTATION

As of December 9, 2013, KCFD employs 33 pumper companies that deliver basic life support (BLS) in addition to other core missions

In last year's budget, City Council approved implementation of 3 advanced life support (ALS) pumper companies, to be carried out by Nov 2013

On December 15, 2013, 5 ALS pumpers will begin delivering advanced life support care

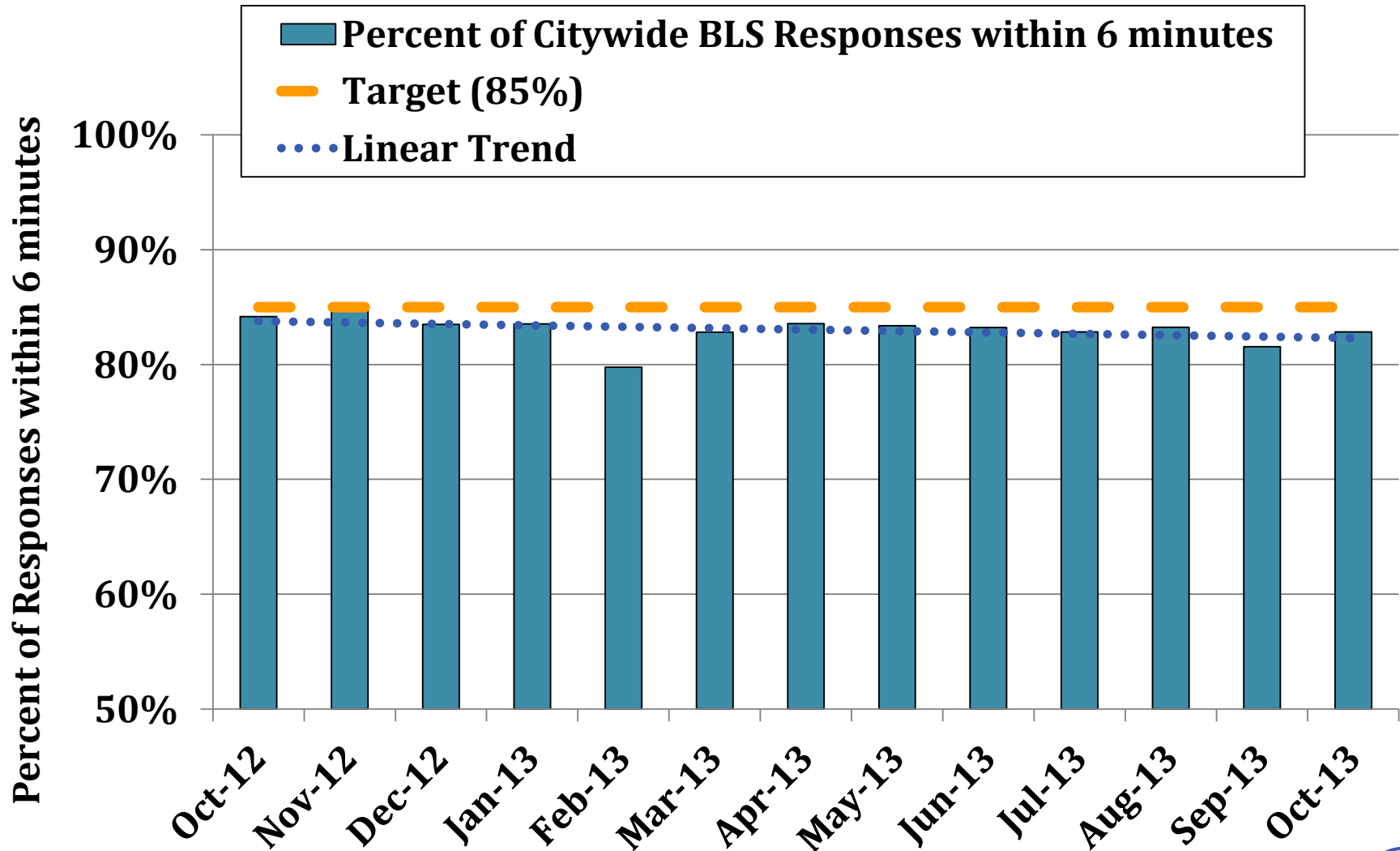
As of December 15, 2013, KCFD will employ 28 BLS pumper companies and 5 ALS pumper companies

ALS Pumper Locations:
111th and North Oak; 81st
and North Oak; 7500 NW
Barry Rd; 9300 Hillcrest;
6006 Red Bridge Rd



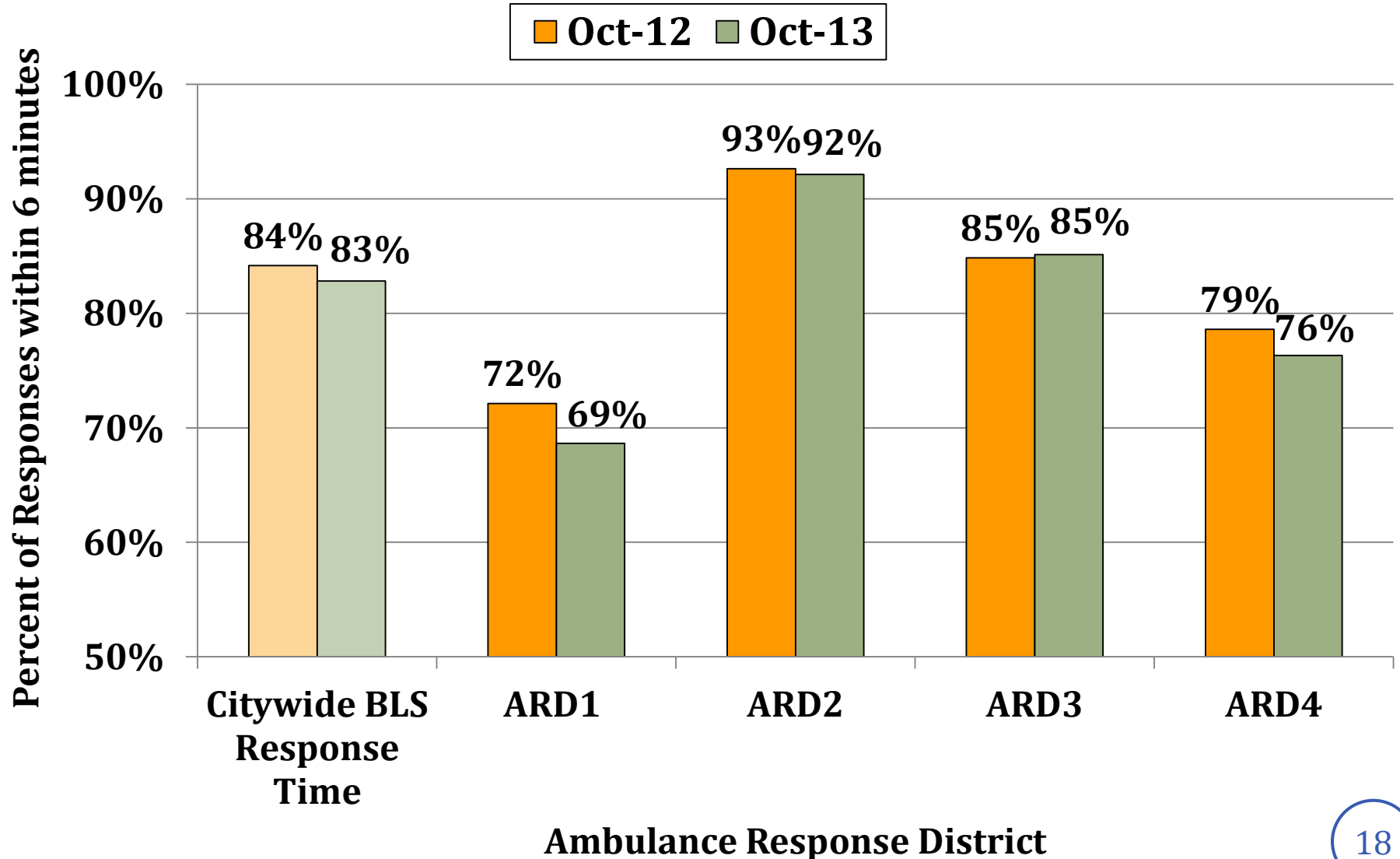
BASIC LIFE SUPPORT (BLS) RESPONSE COMPARED TO STANDARD

**Watch
Trend**



PERCENT OF BASIC LIFE SUPPORT (BLS) RESPONSES MEETING STANDARD BY DISTRICT

**Watch
Trend**



KCFD STRATEGIC IMPROVEMENT EFFORTS UNDERWAY

KCFD Strategic Planning Process

Initiated in August 2013. Anticipated completion date is May 1, 2014. External stakeholders have been interviewed, including neighborhoods, media, elected officials, dept heads, hospitals, EMS partners, and mutual/automatic aid partners

Standards of Response Cover (SOC) Plan

KCFD has initiated this complete review of the current deployment model. It will involve assessments of risks, baseline performance, community expectations, performance measures, etc.

Pursuance of Accreditation

The Strategic Plan and SOC Plan are the two major components required to become an accredited fire department through the Center for Public Safety Excellence. Because this is a long and complex process, a completion date cannot be estimated at this time.

Concurrently, KCFD will also continue to study the impact of the ALS pumper implementation

PRIORITY

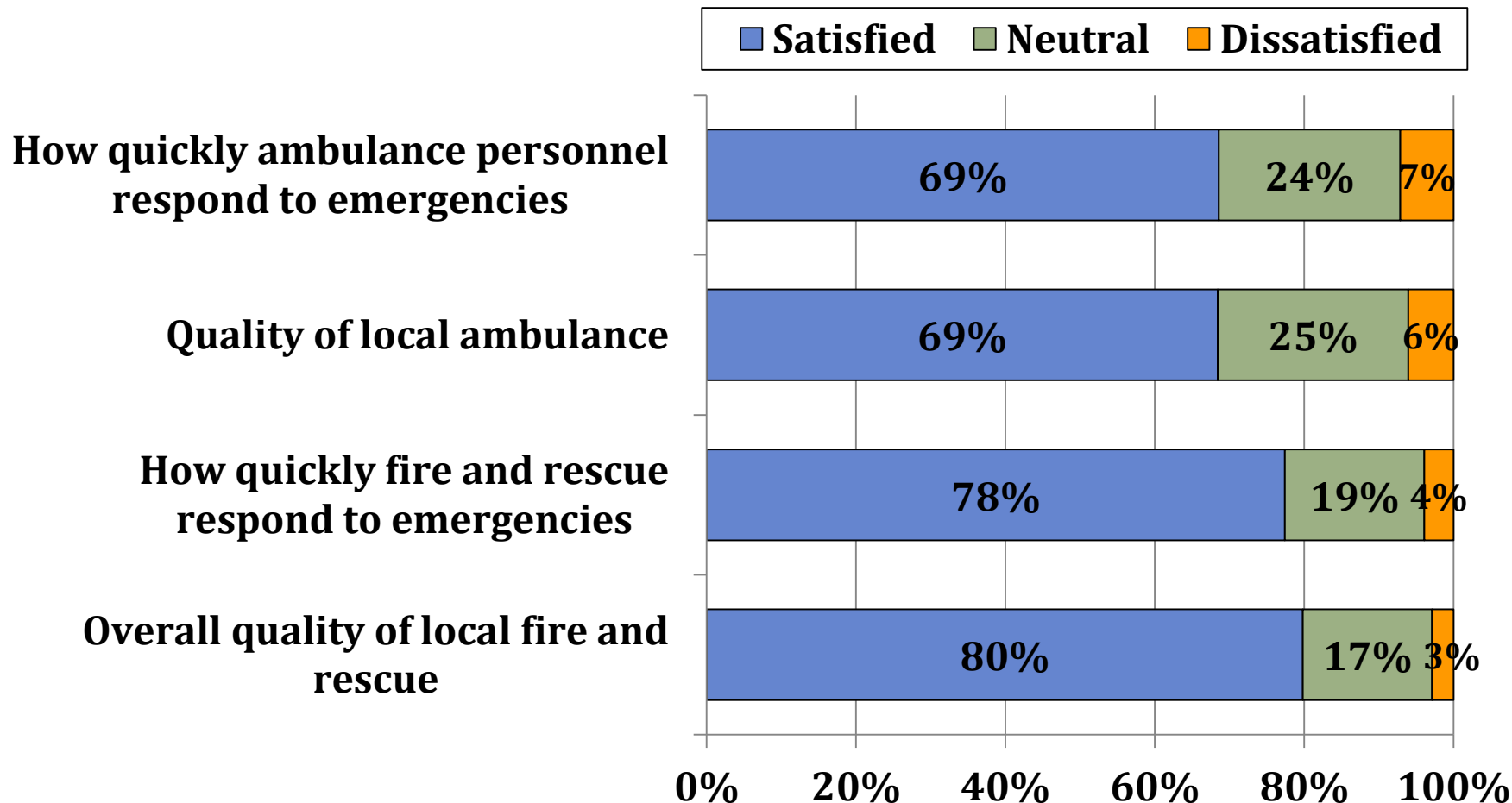
Emphasize the focus on the customer across all City services; engage citizens in a meaningful dialogue about City services, processes, and priorities using strategic communication methods.

INDICATORS

- 1. % of citizens satisfied with services**
- 2. % of citizen users v. citizen non-users satisfied with services**

CITIZEN SATISFACTION WITH FIRE AND EMERGENCY MEDICAL SERVICES

**Positive
Trend:** 



No change in satisfaction levels from 2012 to 2013

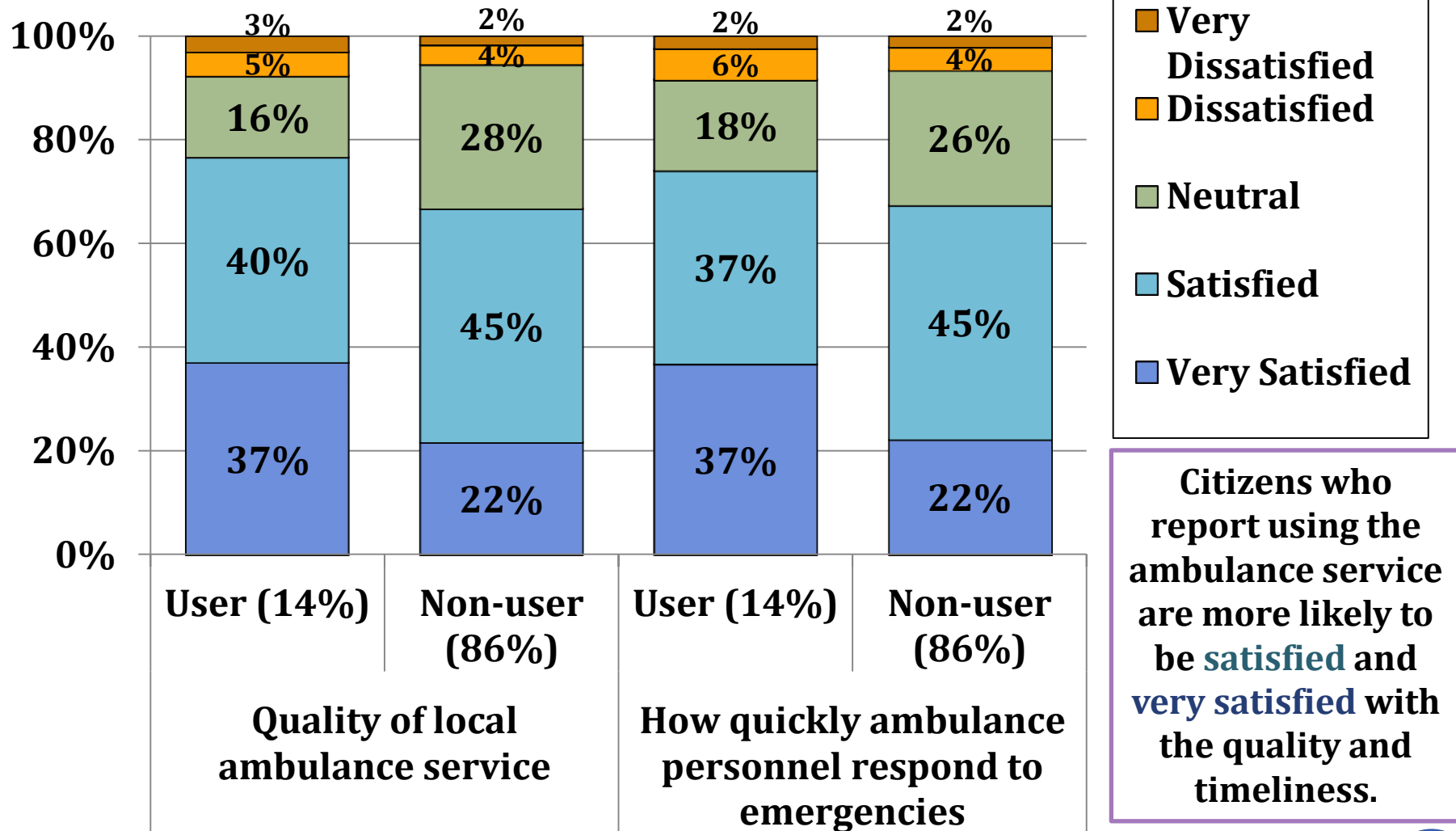
CITIZEN EMPHASIS FOR FIRE AND EMERGENCY MEDICAL SERVICES

What two areas would you like to see receive the most emphasis from the City over the next two years?

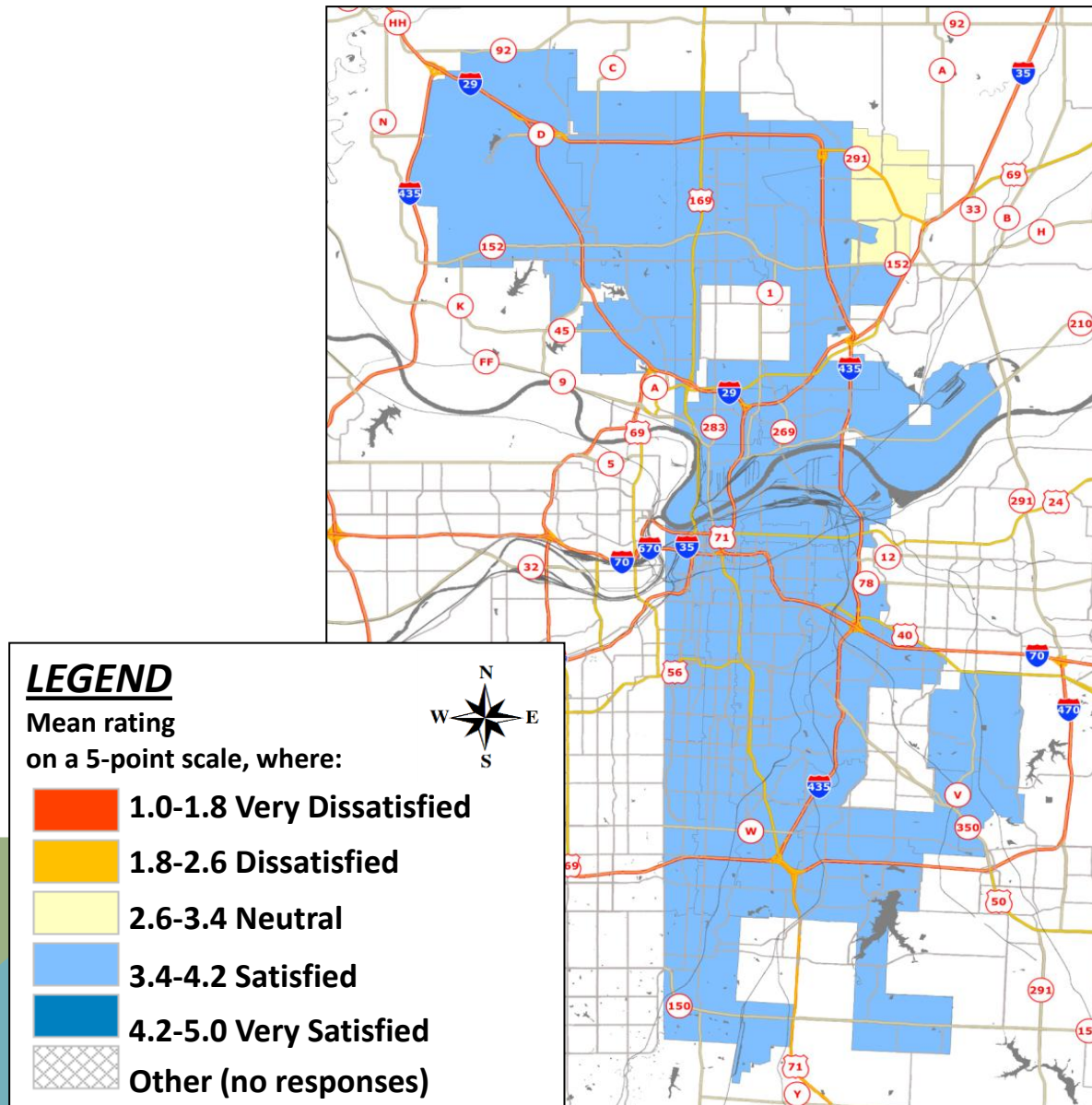
Question	Emphasis	Satisfaction	E-S Rank
How quickly ambulance personnel respond to emergencies	45%	69%	1
How quickly fire/rescue personnel respond to emergencies	46%	78%	2
Quality of local ambulance service	25%	69%	3
Overall quality of local fire protection and rescue services	32%	80%	4

SATISFACTION BY USERS VS. NON-USERS OF AMBULANCE SERVICE

14% of residents report using ambulance service, according to the survey



SATISFACTION WITH AMBULANCE RESPONSE TIME BY GEOGRAPHY



PRIORITY

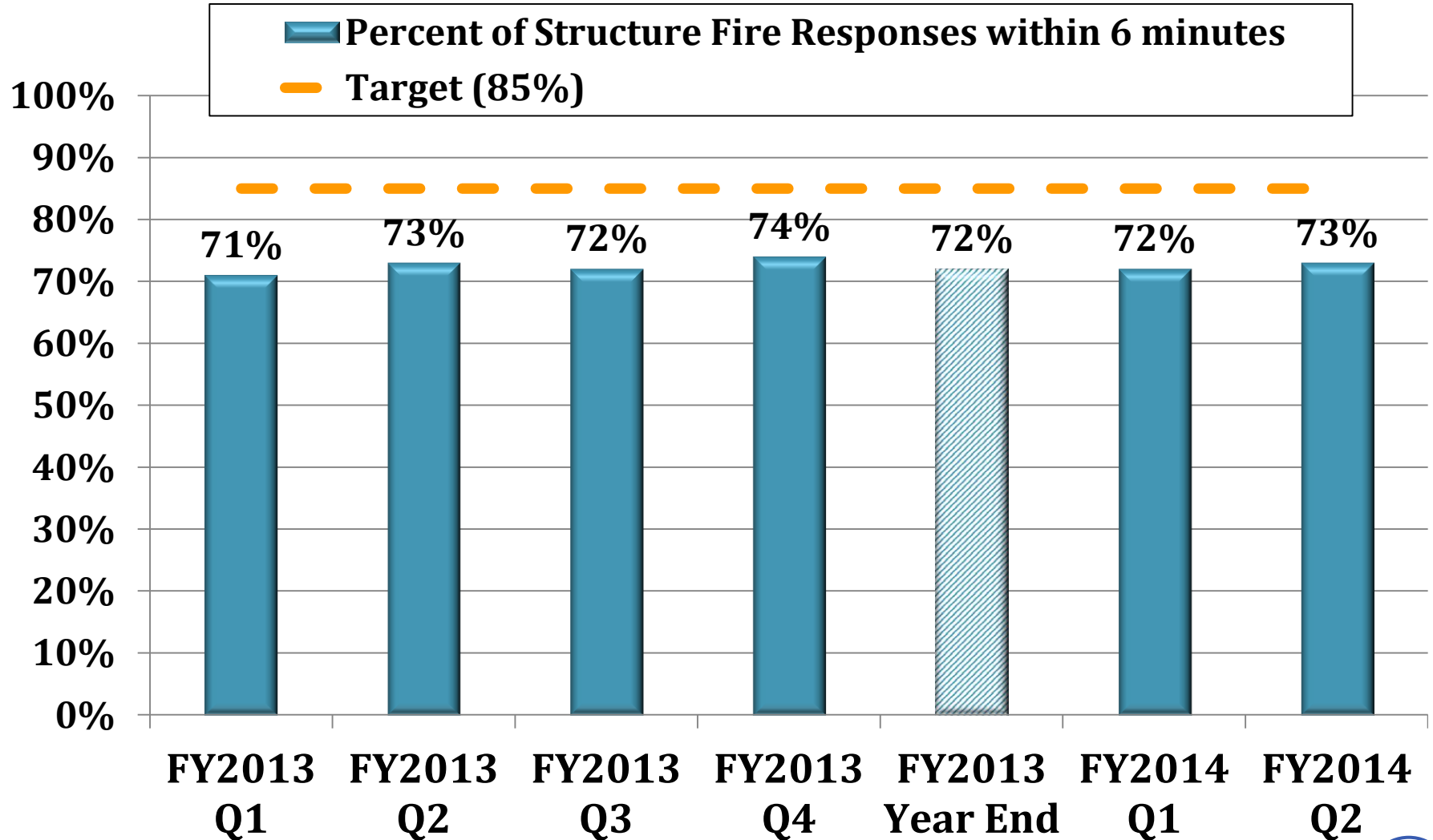
Maintain and enhance fire suppression and prevention, rescue and hazardous material incident response capabilities

INDICATORS

1. Response time with appropriate equipment and personnel for such incidents
2. Annual hours of training for fire suppression, rescues and hazardous material incidents
3. Age of vehicles and other specialized equipment

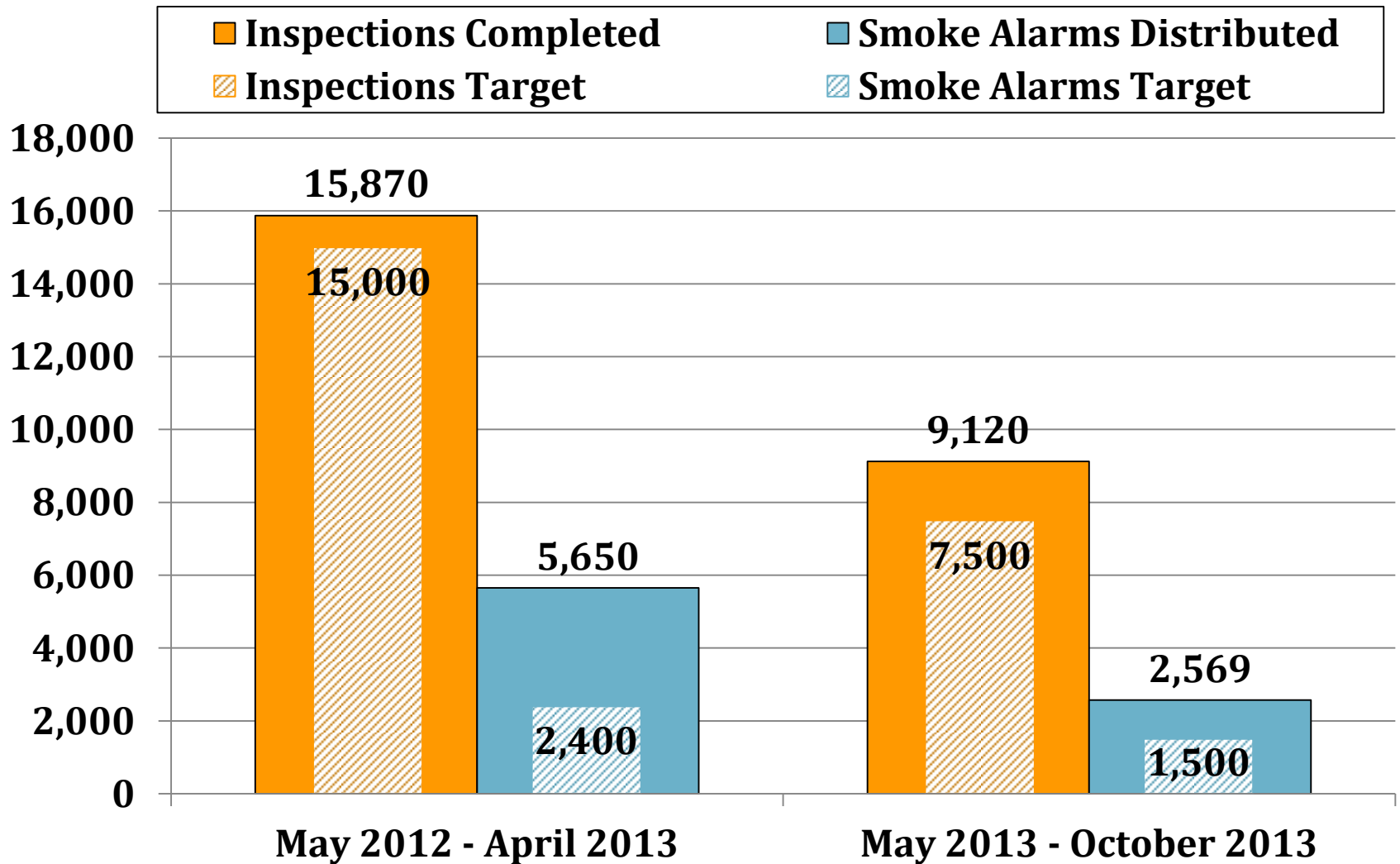
STRUCTURE FIRE RESPONSE TIME (% IN < 6 MINUTES)

Negative
Trend: 



FIRE PREVENTION ACTIVITY

**Positive
Trend:** 



PRIORITY

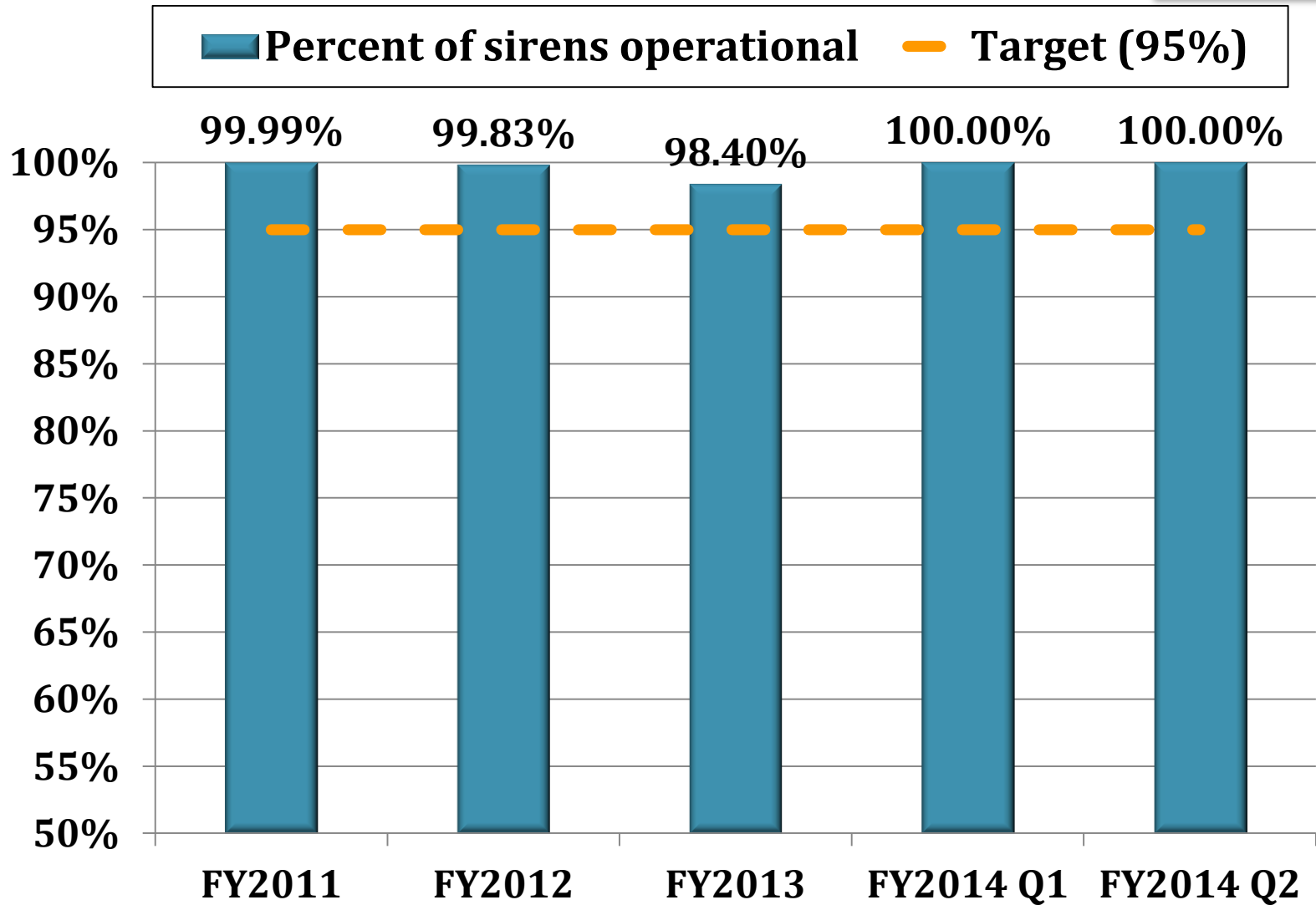
Maintain and enhance emergency management capabilities to respond efficiently and effectively to natural or manmade disasters

INDICATORS

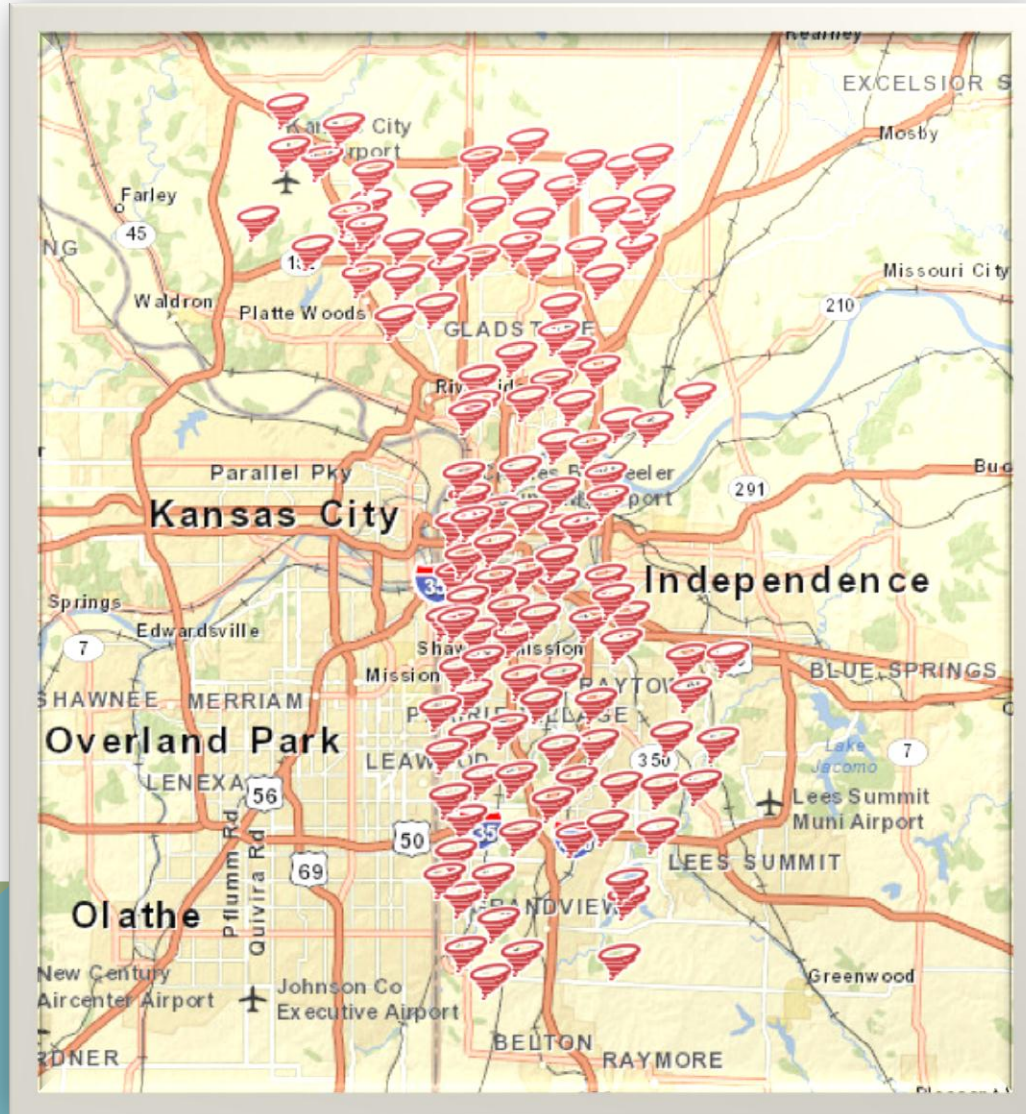
- 1. Percent of time public warning system sirens and flash flood indicators are operational**
- 2. EOC activations, exercises conducted, and other testing conducted**

TORNADO SIREN READINESS

**Positive
Trend:** 



TORNADO SIREN LOCATIONS ON OPEN DATA



<https://data.kcmo.org/Emergency/Tornado-Warning-Sirens-Map/58qf-tp6b>

ADDITIONAL EMERGENCY MANAGEMENT PERFORMANCE INDICATORS

**Positive
Trend:** 

Performance Indicator	FY2012		FY2013		FY2014 Mid-Year	
	Target	Actual	Target	Actual	Target	Actual
Situation monitoring (hours)	--	49	--	45	--	29
EOC Activations - Level 1	--	2	--	3	--	4
EOC Activations - Level 2	--	2	--	1	--	1
EOC Activations - Level 3	--	0	--	1	--	0
Exercises Conducted/Participated In	4	66	4	40	8	15
EOC critical systems tests conducted	24	64	24	49	12	43

NATIONAL WEATHER SERVICE

“STORMREADY COMMUNITY” DESIGNATION



90% of all presidentially declared disasters are weather related. The National Weather Service StormReady program measures a community's proactive measures to save lives from the onslaught of severe weather by evaluating planning, education and awareness benchmarks. No community is storm proof, but StormReady helps communities save lives.

NWS “STORMREADY” BENCHMARKS

StormReady Benchmarks	
Communication	<ul style="list-style-type: none">• Established 24 hr warning point• Established Emergency Operations Center
NWS Information Reception	<ul style="list-style-type: none">• Multiple ways for EOC to receive info
Hydrometeorological Monitoring	<ul style="list-style-type: none">• Multiple ways to monitor hydrometeorological data
Local Warning Dissemination	<ul style="list-style-type: none">• Number of ways EOC disseminates warnings• All hazard radios in public facilities
Community Preparedness	<ul style="list-style-type: none">• Number of annual weather safety talks• Train storm spotters and dispatchers• Host annual NWS spotter training
Administrative	<ul style="list-style-type: none">• Formal hazardous weather operations plan• Biennial visits by emergency manager to NWS• Annual visits by NWS official to community

PRIORITY

Emphasize the focus on the customer across all City services; engage citizens in a meaningful dialogue about City services, processes, and priorities using strategic communication methods.

INDICATORS

- 1. Outreach/training counts**

EMERGENCY MANAGEMENT OUTREACH

**Positive
Trend:** 

	FY2011		FY2012		FY2013		FY2014 Mid-Year	
	Target	Actual	Target	Actual	Target	Actual	Target	Actual
Outreach Sessions	--	42	24	72	24	52	12	37
Training Sessions	12	31	12	62	12	45	6	26
Number of citizens reached	--	--	--	--	--	--		40,813



PRIORITY

Reduce crime among all age groups with special attention to crimes committed by youth, and with a particular emphasis on violent and property crimes such as homicides, aggravated assaults, and home burglaries.

INDICATORS

- 1. Violent crime rate per 1000**
- 2. Property crime rate per 1000**
- 3. Crime rate committed by youth (under 25)**
- 4. NOVA outcomes**
- 5. Aim4Peace mediations**

NATIONAL INCIDENT-BASED REPORTING SYSTEM (NIBRS)

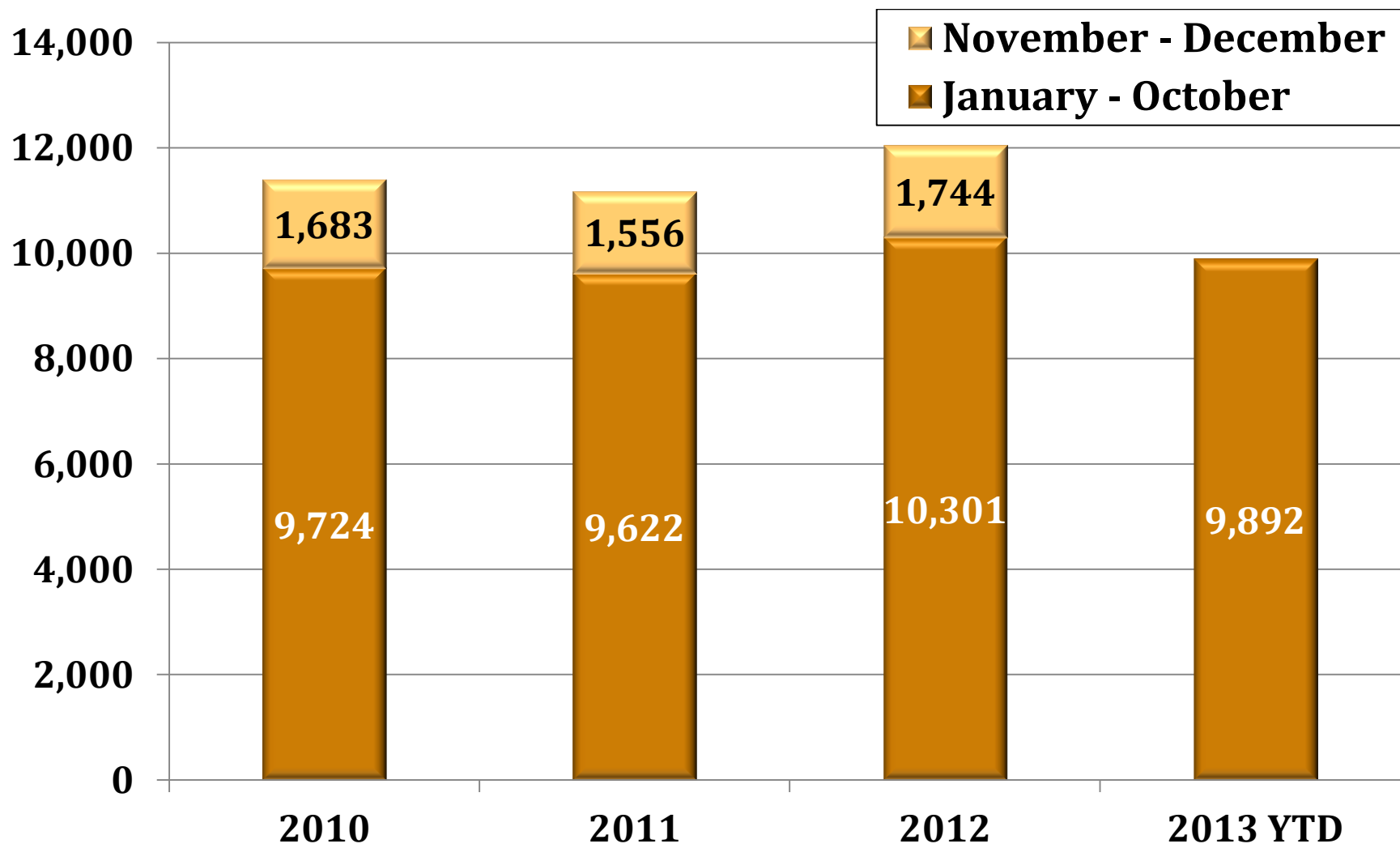
Crimes Against People: Homicide Offenses, Sex Offenses (Forcible), Assault Offenses, Sex Offenses (Non-Forcible), Kidnapping/Abduction

Crimes Against Property: Robbery, Arson, Extortion/Blackmail, Burglary/Breaking & Entering, Larceny/Theft Offenses, Motor Vehicle Theft, Fraud Offenses, Counterfeiting/Forgery, Embezzlement, Stolen Property Offenses, Destruction/Damage/Vandalism, Bribery

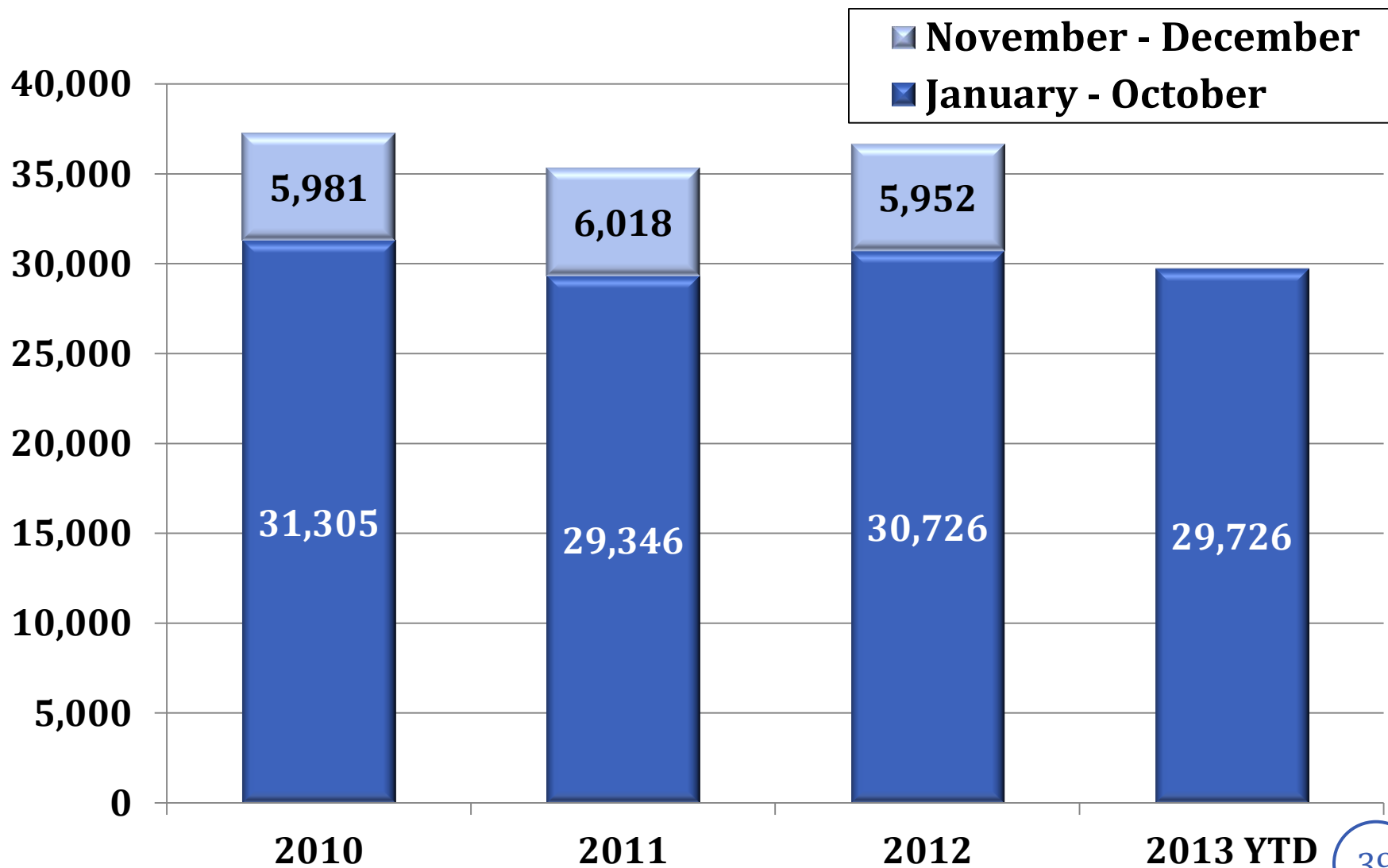
Crimes Against Society: Drug/Narcotic Offenses, Gambling Offenses, Prostitution Offenses, Pornography/Obscene Material, Weapon Law Violations

CRIMES AGAINST PERSONS

**Watch
Trend**

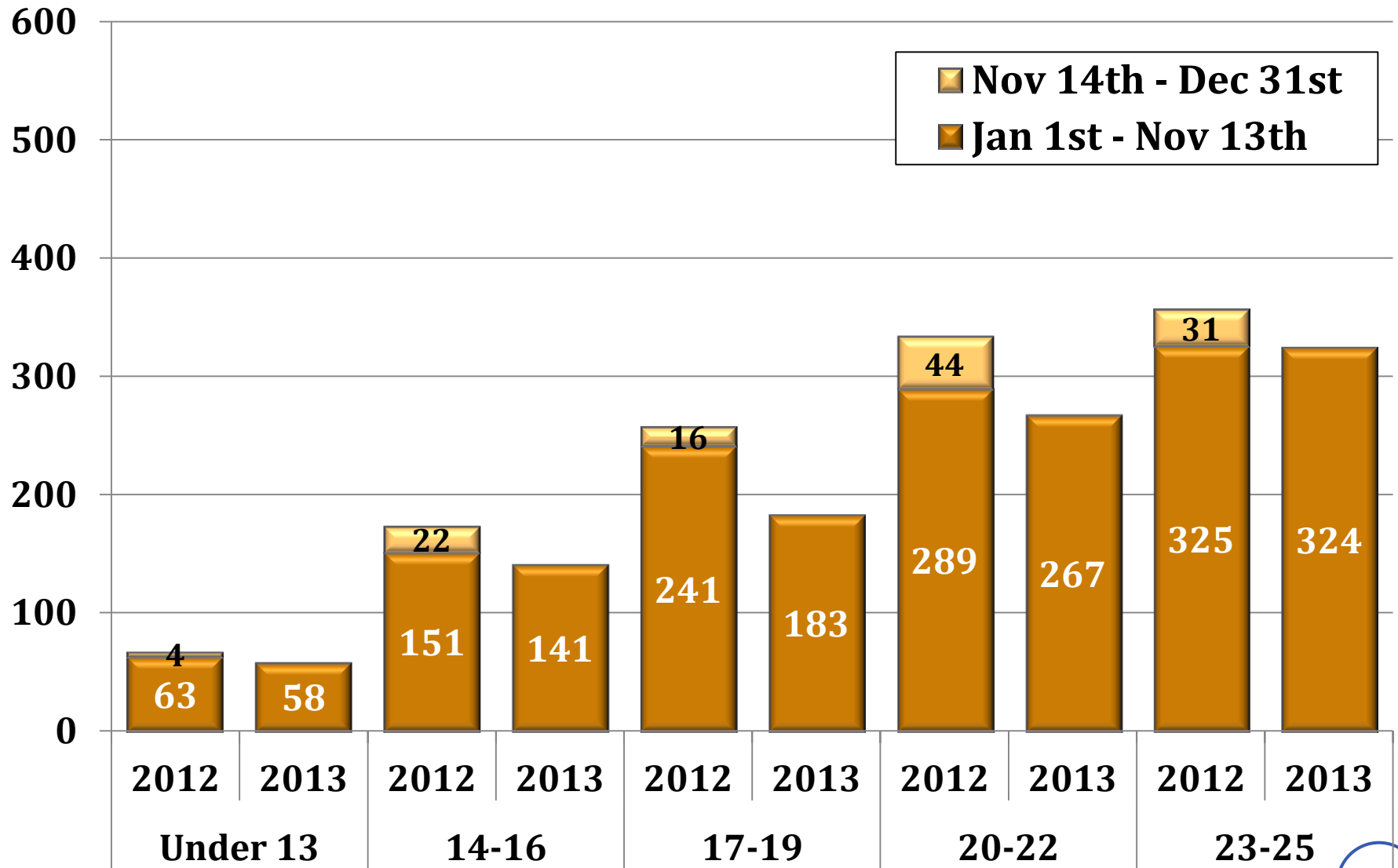


CRIMES AGAINST PROPERTY



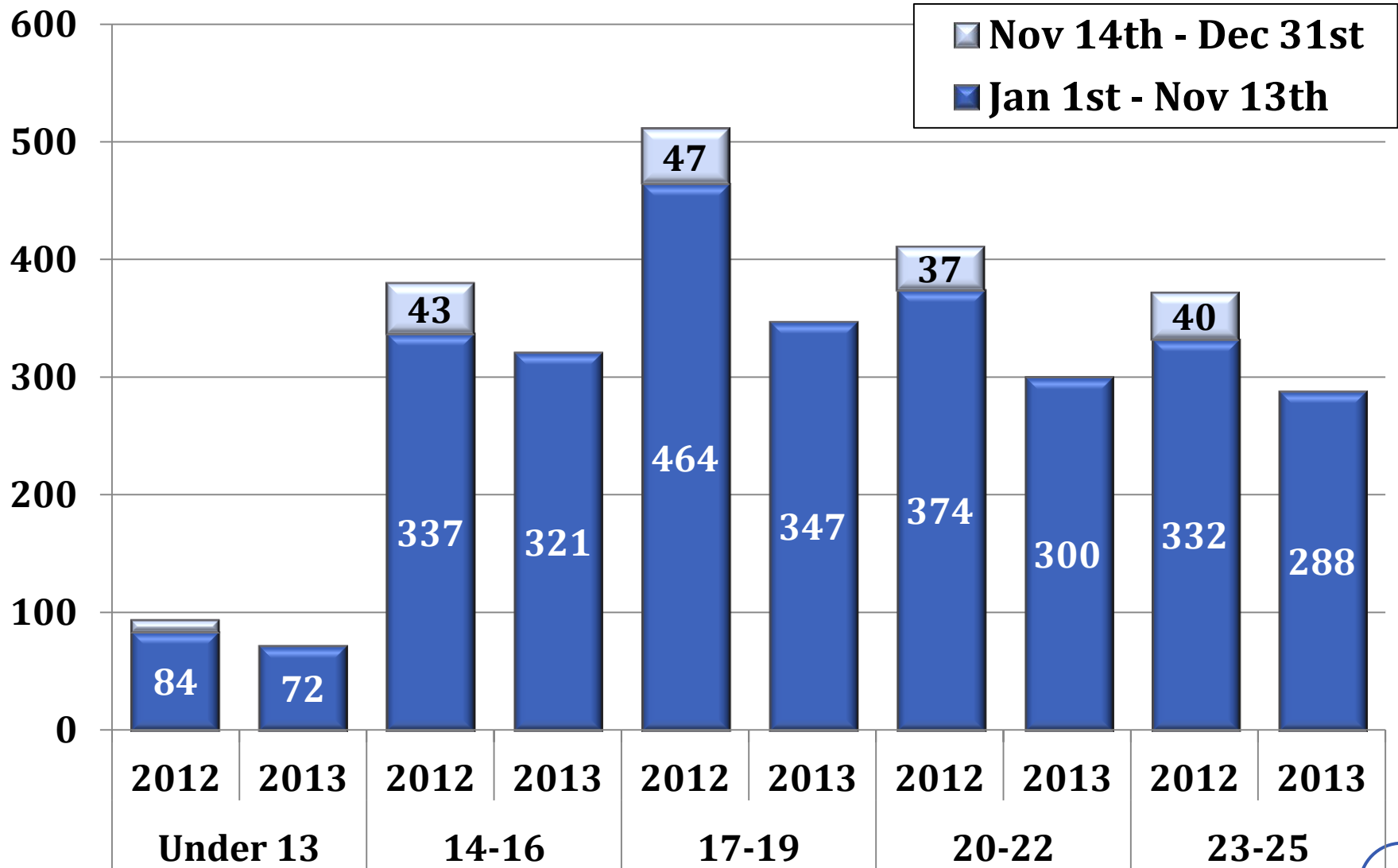
YOUTH ARRESTS FOR CRIMES AGAINST PERSONS

**Watch
Trend**



YOUTH ARRESTS FOR CRIMES AGAINST PROPERTY

**Watch
Trend**



KANSAS CITY NO VIOLENCE ALLIANCE



KANSAS CITY'S 72ND MURDER VICTIM



- **Damiah was killed in her home along with her mother.**
- **Damiah was 3 years old.**
- **This murder remains unsolved.**

KANSAS CITY CRIME

- **Historically one of the top ten most violent cities in the United States**
- **Averages 106 Homicides per year**
- **Averages 3,484 Aggravated Assaults per year**
- **Crime typically contained within urban core**
- **13 square miles of 315 account for 47 % of all homicides**

	Murders/100k	Agg. Assaults/100k
Kansas City	22.9	755
Jacksonville, FL	8.3	381.4
Seattle	6.2	229.4
Chicago	15.9	458.9
Boston	6.2	306.4

THE GOAL OF NOVA

Reduce Homicides and Aggravated Assault

2012-108 homicides

2011-109 homicides

106.3 Annual Average

Annually Average 3,484 Aggravated Assaults

NOVA GOVERNING PARTNERS

City Of Kansas City, Missouri

- Mayor Sly James

Kansas City, MO Police Department

- Chief Daryl Forte'

Jackson County Prosecutors Office

- Prosecutor Jean Peters Baker

United States Attorneys Office

- US Attorney Tammy Dickinson

MO State Probation and Parole

- Regional Administrator Jackie Dunn

Bureau Alcohol Tobacco Firearms

- Special Agent in Charge Marino Vidoli

University of Missouri Kansas City

- Chancellor Leo Morton



FOCUSED DETERRENCE

KC NoVA is implementing a focused deterrence model that draws upon the strengths of multiple sources to “interrupt” the cycle of violent crime.

- 1. Social Services**
- 2. Faith Based Initiatives**
- 3. Probation and Parole**
- 4. Law Enforcement**
- 5. Family Support Groups**

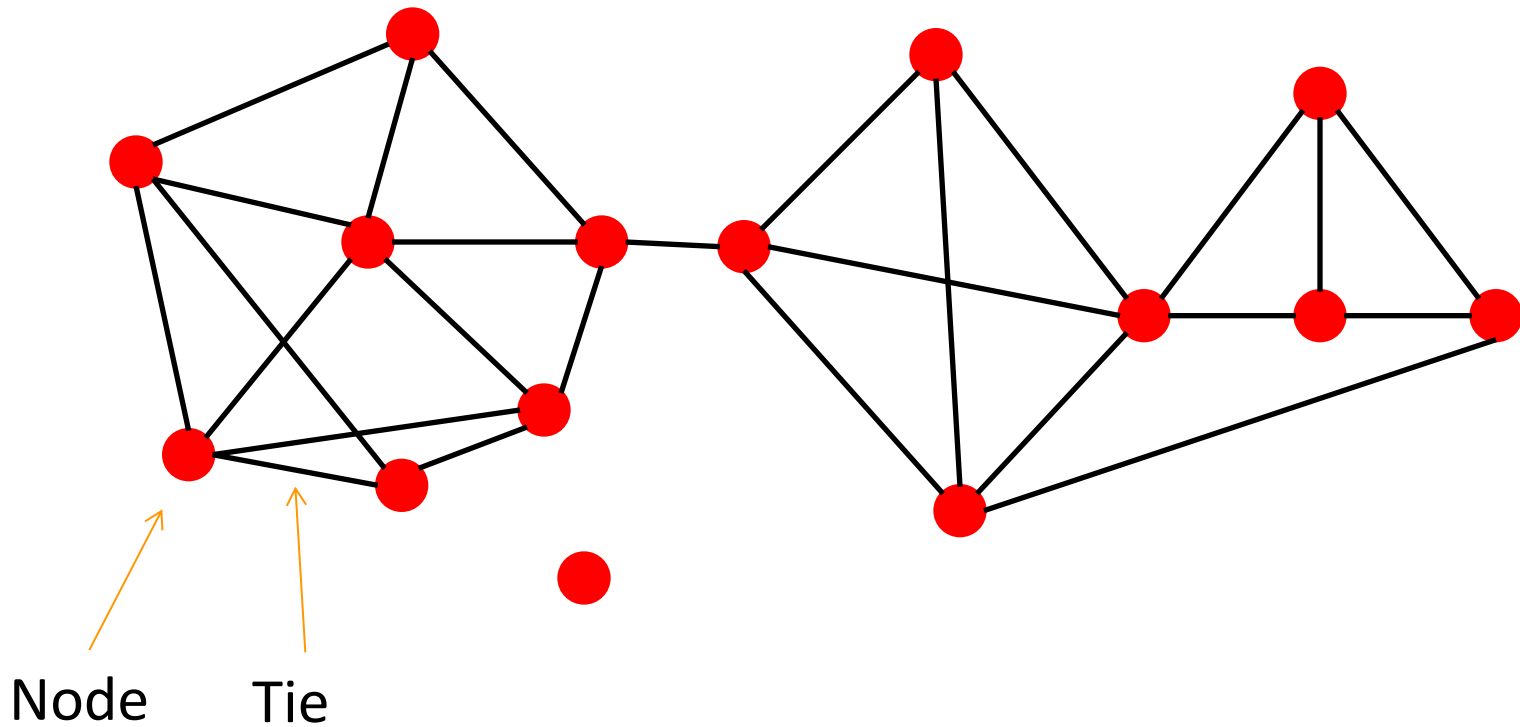
“SMARTER POLICING”

- **KC NoVA will draw upon the strengths of the community, academic partners, and the criminal justice system to identify the networks most likely to be involved in violent crime.**
- **Dedicate the finite amount of resources to the very small percentage of individuals in Kansas City that cause the most problems.**

THE FIRST STEPS

- **Build intelligence models and relationships to direct the finite resources of the PD, to the core group of individuals involved in, or likely to become involved in violent crime.**
- **Build relationships in the community to establish a moral voice that impacts violence.**
- **Establish a structure of outreach to those who want to change, and need the help to make change.**

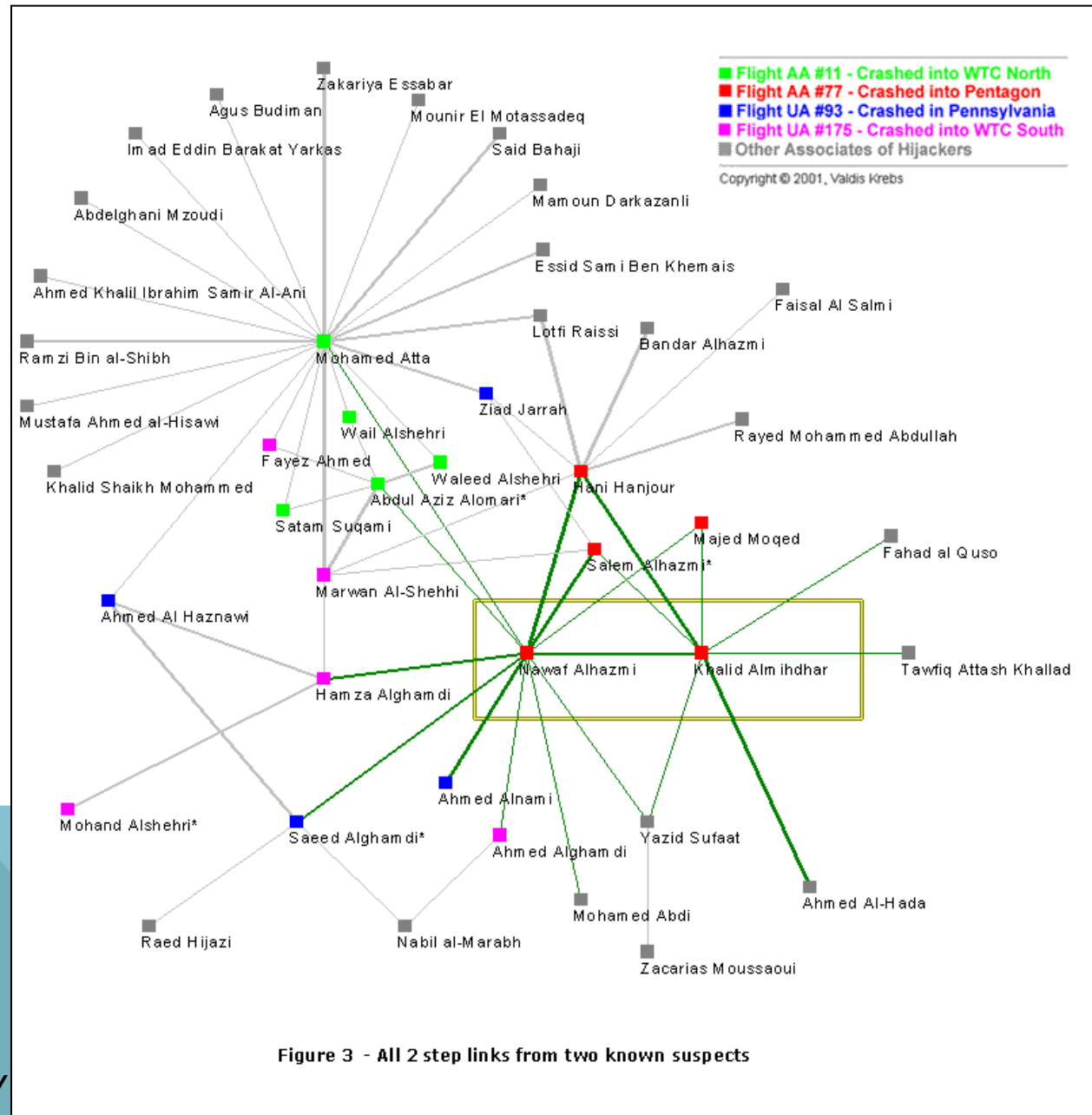
SNA: SOCIOGRAM



Node

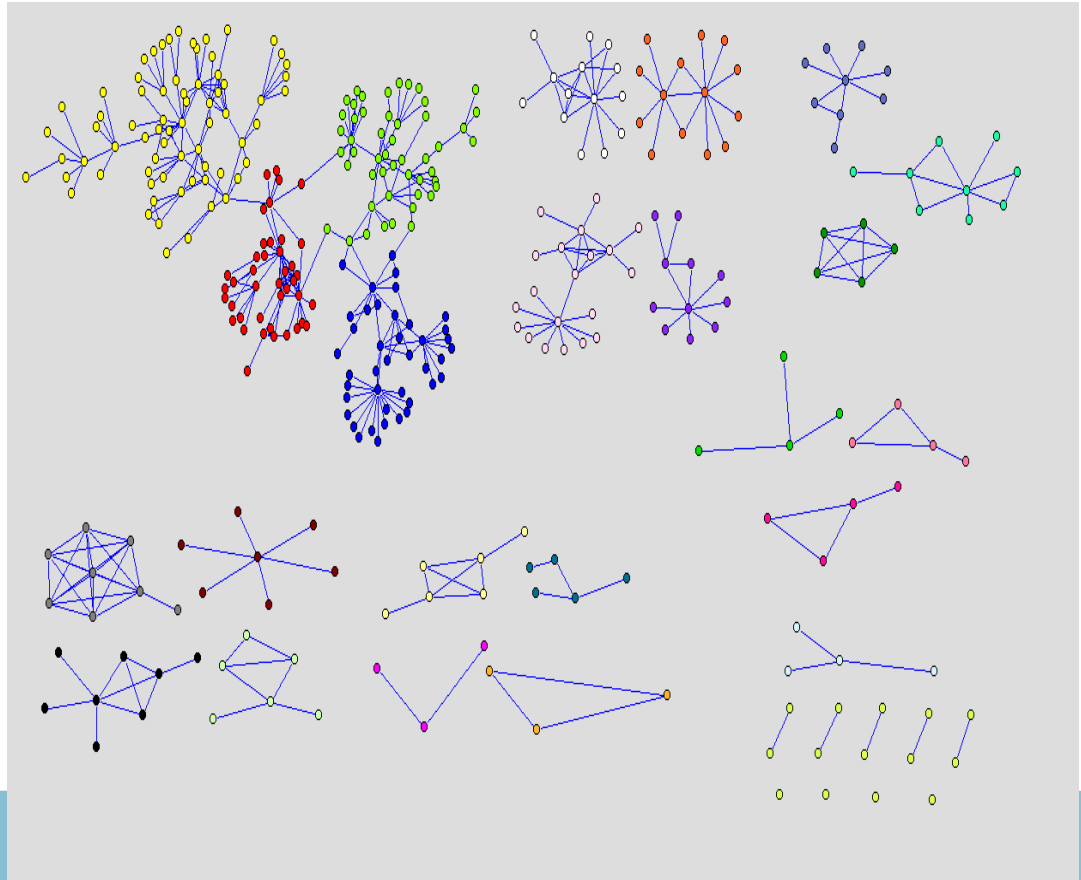
Tie

THE 9-11 HIJACKER NETWORK

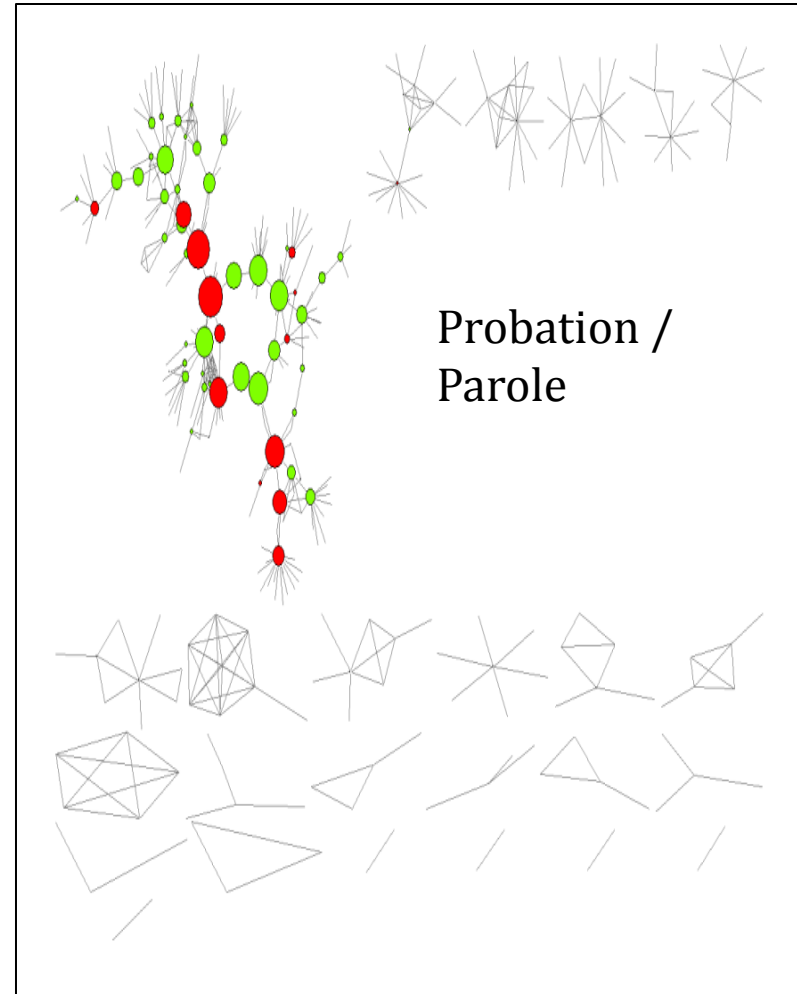
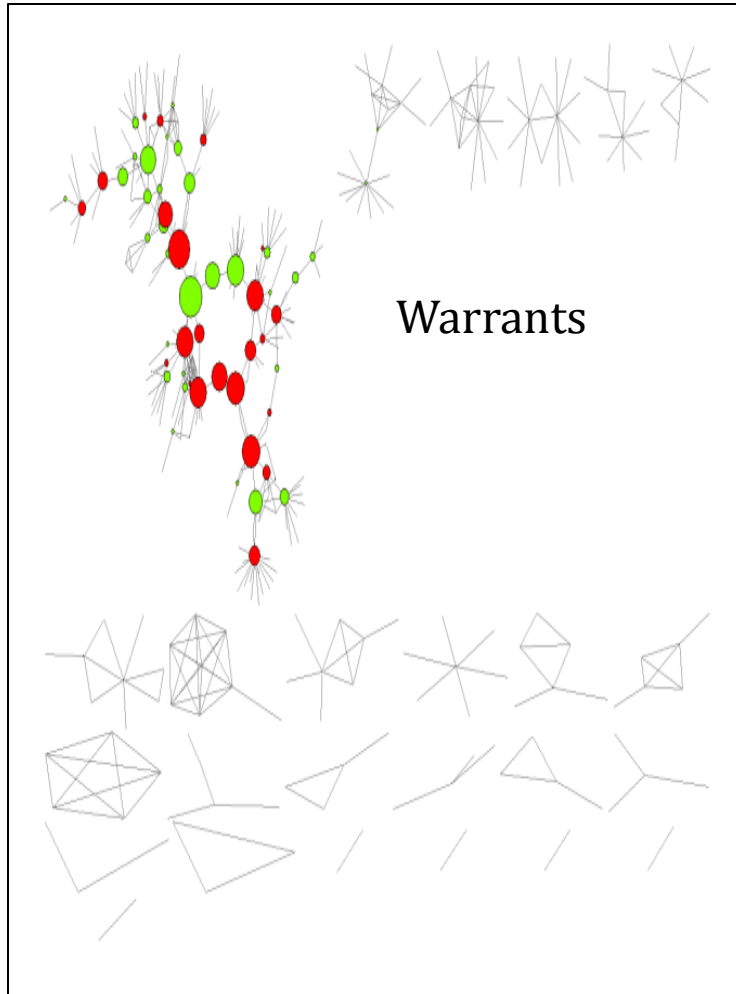


NOVA FIRST STEPS

- **Dime block gang network**
- **Developed by UMKC / Det. Cramblit**
- **Process took two months**
- **Silos of intelligence**
- **IT Barriers / crystal reports**
- **Product delivered December 2012**

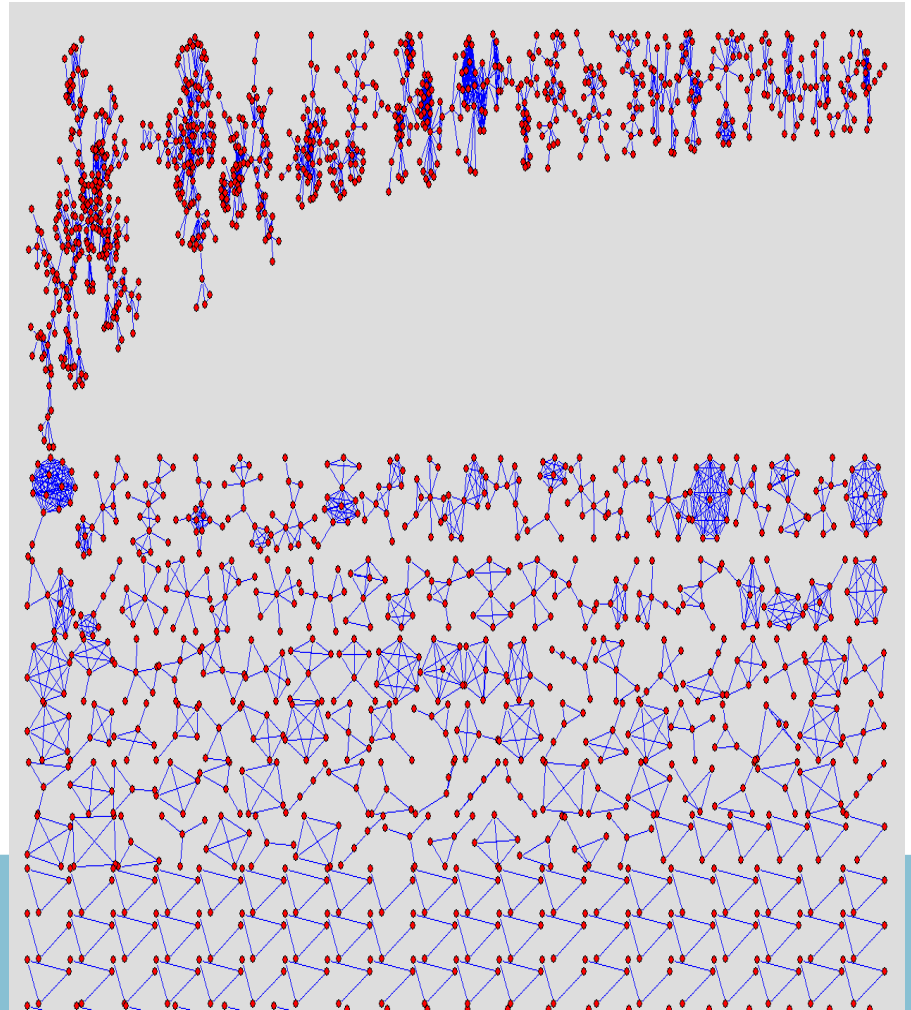


DIME BLOCK BETWEENNESS CENTRALITY



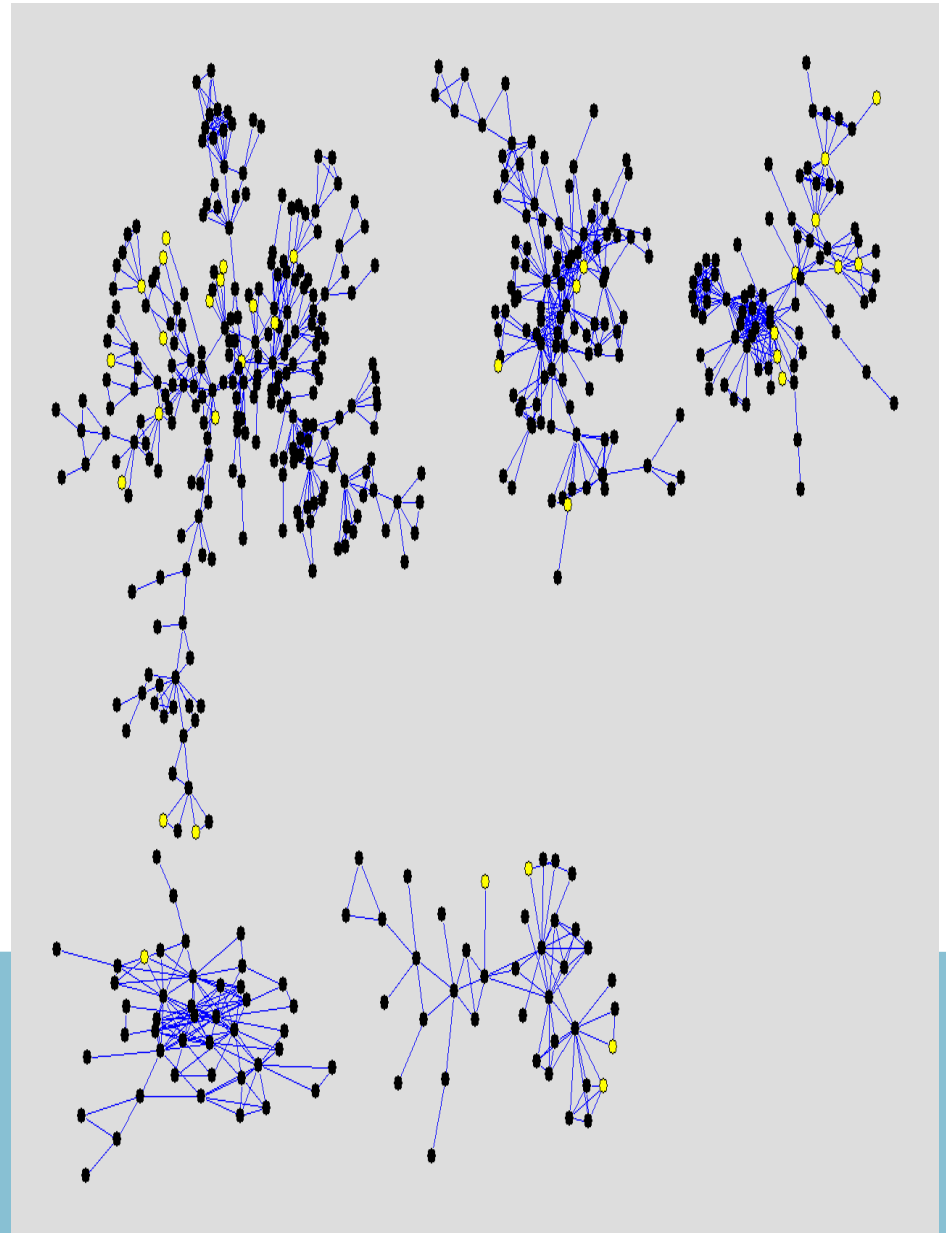
IMPACT 2013

- **National Murder Rate 4.8 per 100,000**
- **In network rate over 500 per 100,000**
- **National Agg. Assault Rate 241 per 100,000**
- **In network rate 3055 per 100,000**
- **24 dead in network**



THE FIRST 514

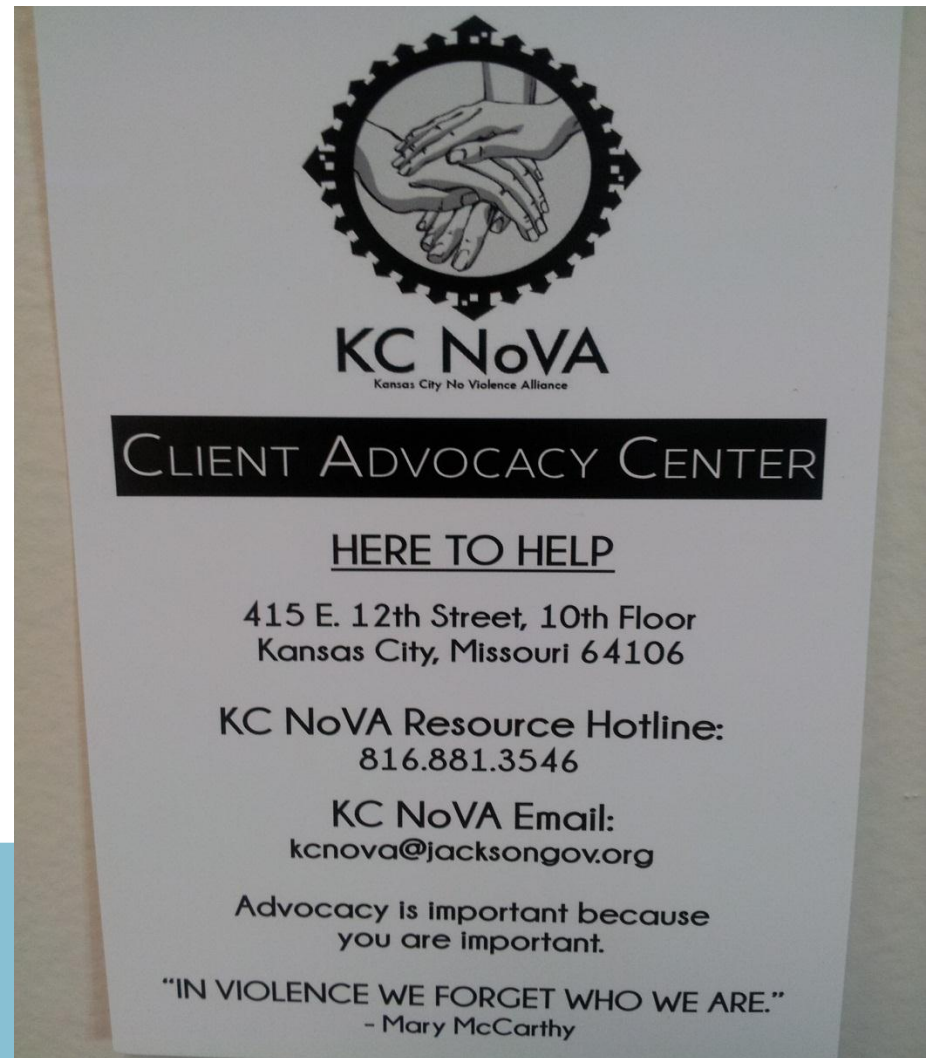
- **Efforts to implement focused deterrence model begins.**
- **121 identified through centrality measure for invitation to call ins**
- **80 of the 121 on Probation and parole**
- **Area Command established**
- **Call in sessions conducted**



APRIL 17TH CALL IN SESSIONS

SOCIAL SERVICE DELIVERY

- **Currently providing social services to 32 individuals.**
- **Seasoned client advocates have screened 67 individuals for assistance.**
- **Goal is to provide services to over 100 by end of 2013.**



KCPD / P&P ACCOUNTABILITY

- **KCPD has assigned 1 Sergeant, 1 Detective, and a Civilian to concentrate full time on Probation and Parole issues.**
- **4900 persons in KCMO on Probation / Parole**
- **In the first 6 weeks of program over 100 Parole Absconders have been arrested.**
- **Creating accountability within KCPD to create “teeth” for the probation and parole offices in our jurisdiction.**
- **Training and developing partnerships with younger patrol officers to create sustainability.**

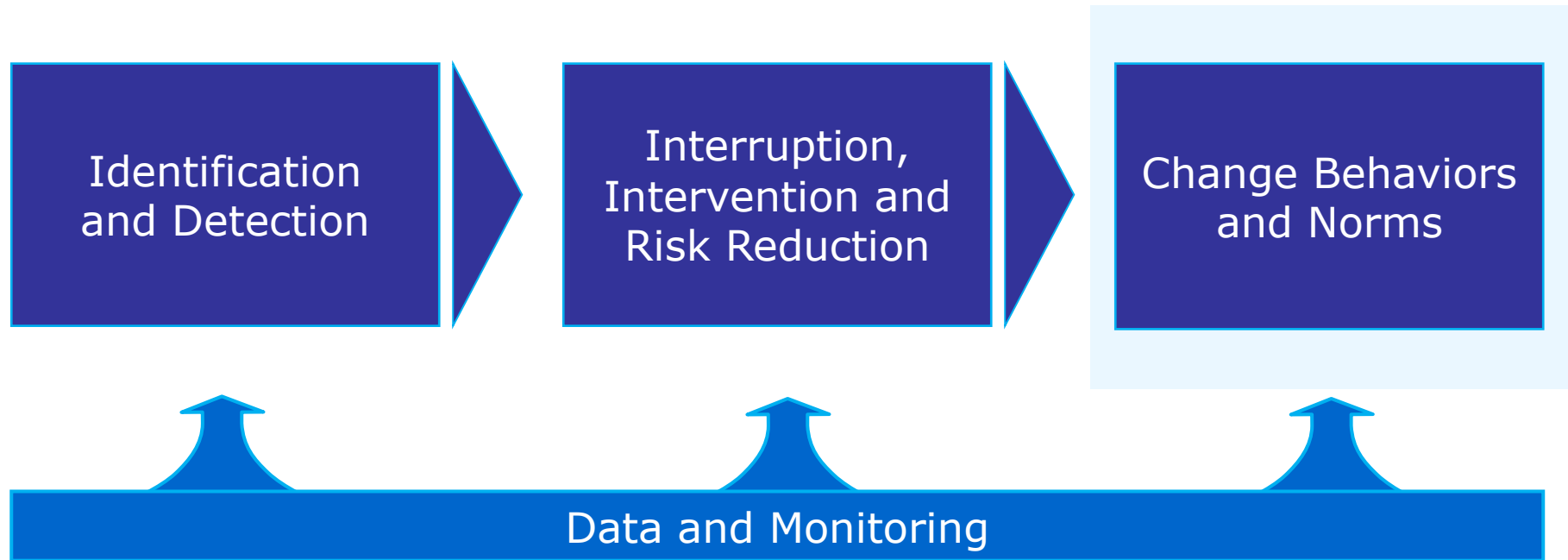


ESTIMATED ANNUAL COST SAVINGS ASSUMING DIFFERENT LEVELS OF REDUCTION

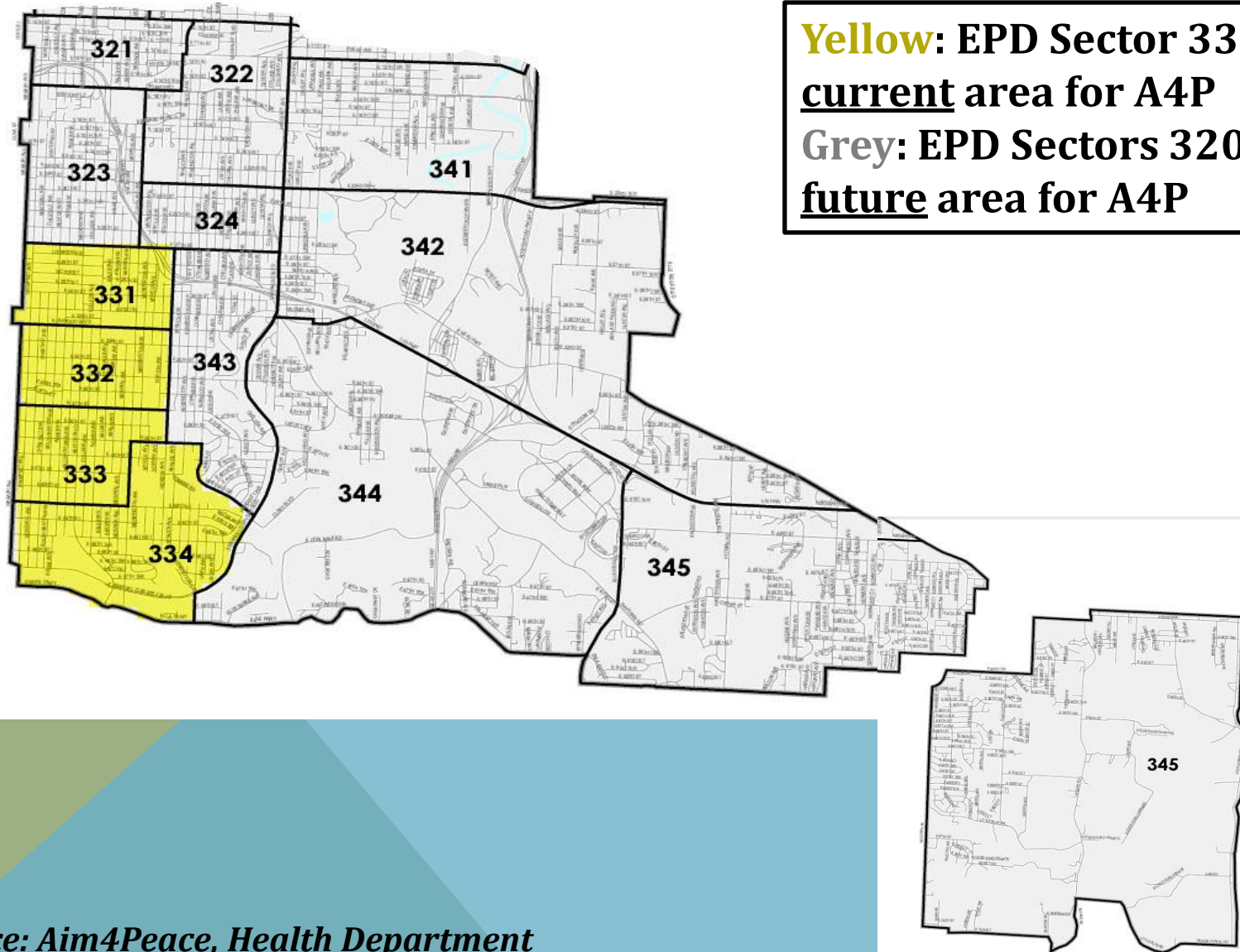
	Murder	Aggravated Assaults
Reduction	Tangible	Tangible
10% reduction	\$13,589,647	\$6,782,302
20% reduction	\$27,179,294	\$13,564,605
30% reduction	\$40,768,941	\$20,346,908

Assumes average murder rate = 106; Aggravated Assault rate = 3,484

THE CURE VIOLENCE / AIM4PEACE MODEL TO STOP SHOOTINGS AND KILLINGS



AIM4PEACE SECTORS



Yellow: EPD Sector 330 -
current area for A4P
Grey: EPD Sectors 320 & 340 -
future area for A4P

JANUARY – OCTOBER 2013 OUTPUTS

Provide alternatives to violence:

- **47 conflicts mediated**
- **34 dispute intakes (calls for service)**

Provide ongoing case management for mediation participants: target of 4 contacts per participant

Conflict Mediations by KCPD Sector

Sector 110	1
Sector 140	1
Sector 210	1
Sector 320	7
Sector 330	31
Other	6

AIM4PEACE IS NOT A SILVER BULLET...

We are focused on prevention of gun-related violence that is primarily related to arguments and retaliation in targeted areas of East Patrol, but we seek to expand to the entire Kansas and Missouri Region.

A4P Current Target Zone: Kansas City Police Sector 330

(Beat 324 is of keen interest. We monitor, without proper staffing level.)

Sector	Count of Homicides in Sector				2011-2012 Change		2012-2013 YTD Change	
	2010	2011	2012	2013 (1.1- 12.1)	#	%	#	%
331	0	4	3	2	-1	-25%	-1	-33%
332	6	3	7	1	4	133%	-6	-86%
333	0	5	2	0	-3	-60%	-2	-100%
334	8	3	4	3	1	33%	-1	-25%
Total	14	15	16	6	1	7%	-10	-63%
324	4	7	4	1	-3	-43%	-3	-75%

KCPD PROPOSED INDICATOR TARGETS FOR FY 14-15 BUDGET

Indicator	FY 12-13 Actuals	FY 13-14 Actuals	FY 14-15 Targets
Crimes against Persons	12,095	TBD	5% decrease from Actual FY 13-14
Crimes against Property	36,818	TBD	5% decrease from Actual FY 13-14
Crimes against Persons/Property committed by youth (under 25)	N/A	TBD	5% decrease from Actual FY 13-14
Median Response Time (Minutes) For Priority 10 Calls for Service	7.72	TBD	7.5
Traffic Enforcement Citations issued* *Red Light (RL) Cameras were suspended 11/6/2013	128,295 (KCPD only) (29,371 RL)	TBD	5% increase from Actual FY 13-14 less red light camera

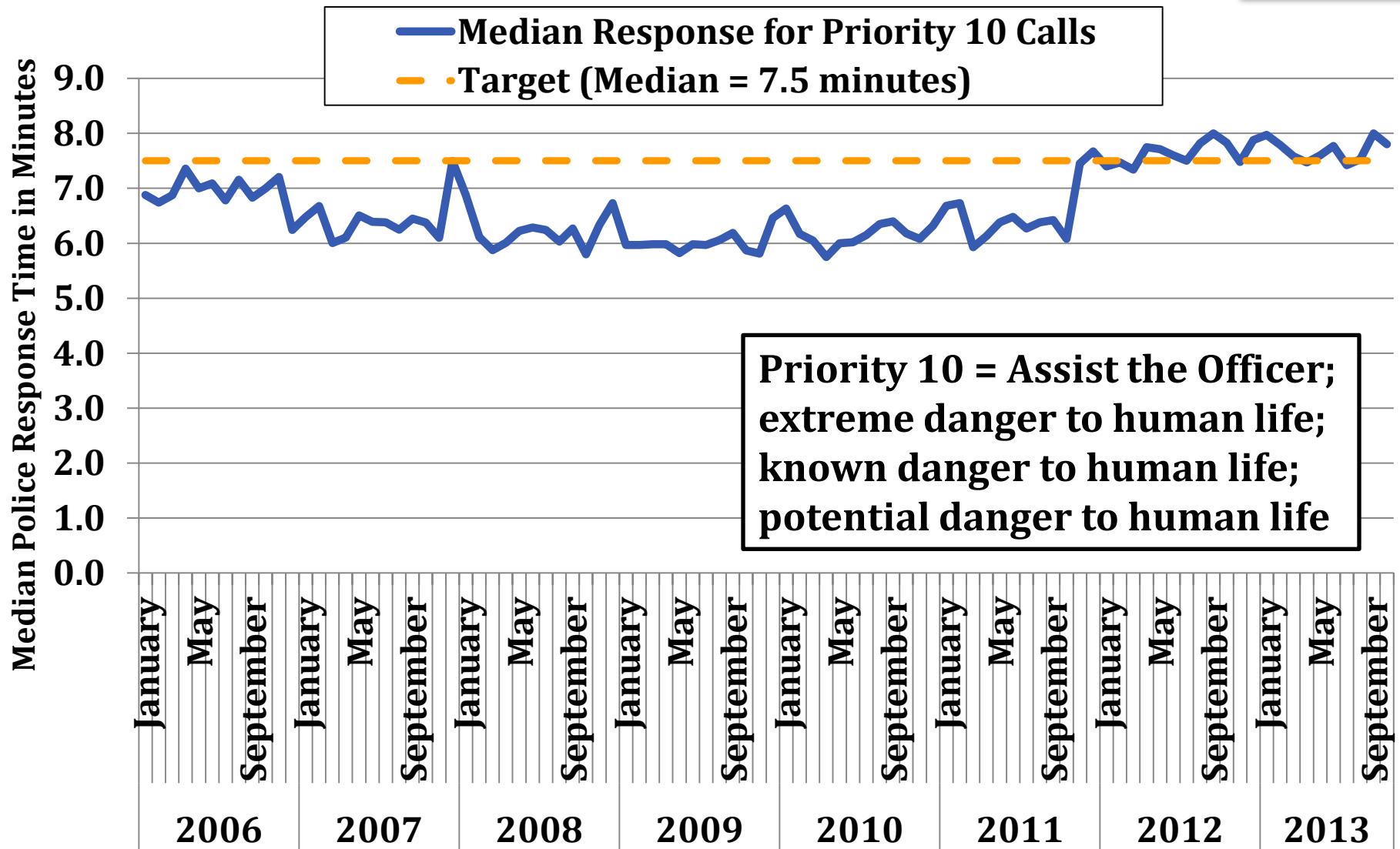
PRIORITY

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INDICATORS

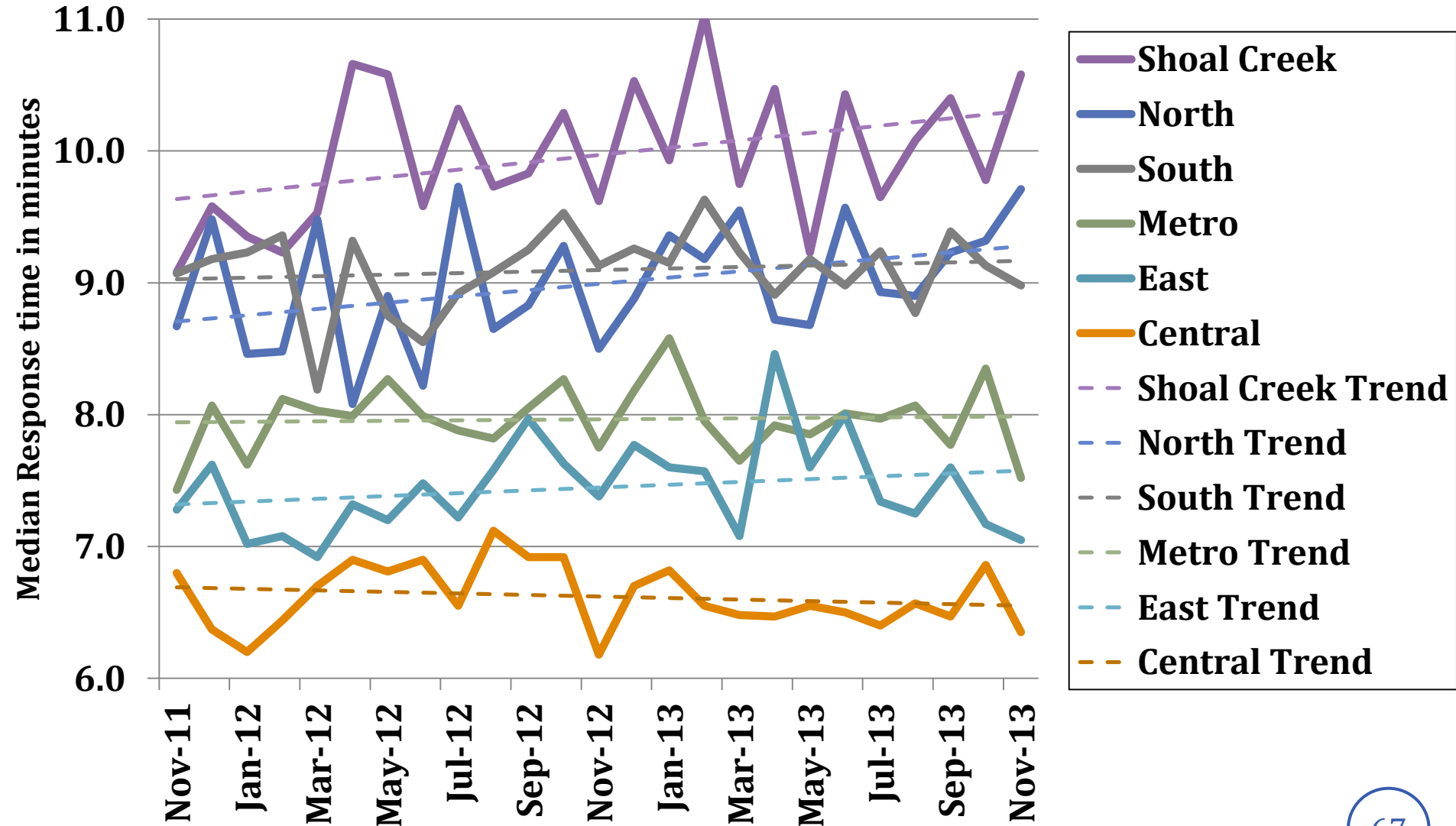
- 1. Response time for police calls**
- 2. Citizen satisfaction with police services**

KCPD MEDIAN RESPONSE TIME (PRIORITY 10 CALLS)

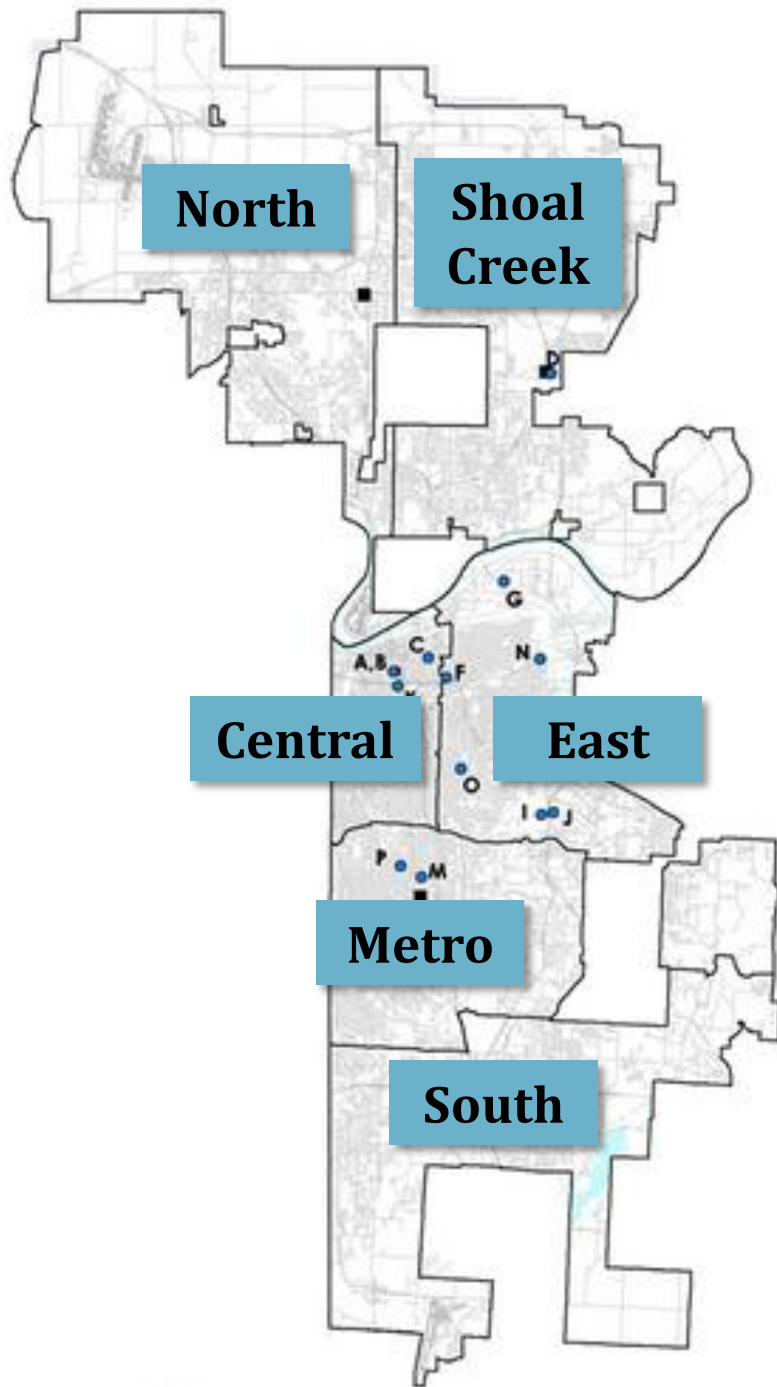


KCPD MEDIAN RESPONSE TIME BY PATROL (PRIORITY 10 CALLS)

**Watch
Trend**



Source: KCPD

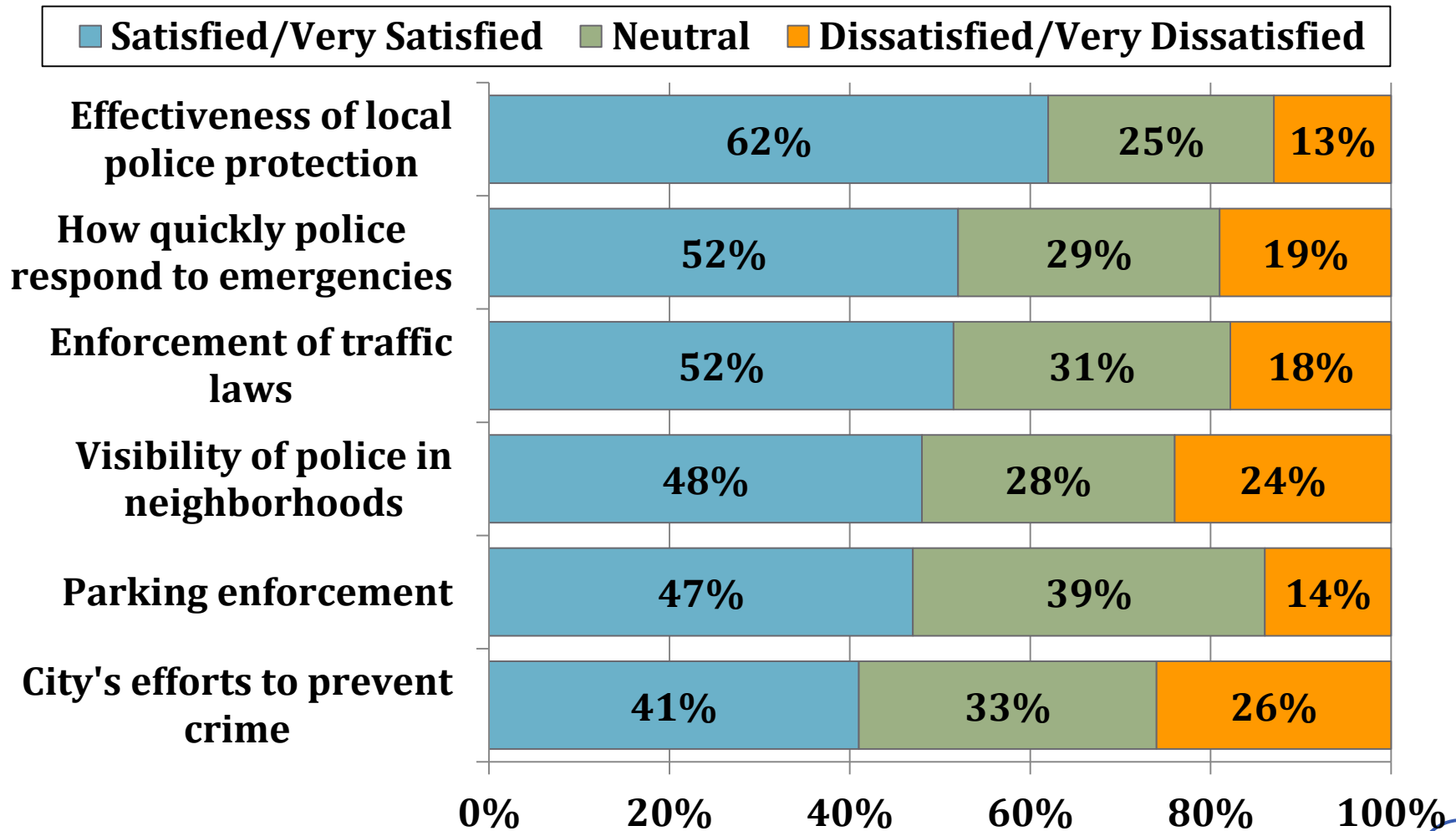


PATROL DIVISION BOUNDARIES

CITIZEN SATISFACTION WITH POLICE SERVICES

**Watch
Trend**

Response time saw a 6% decline in satisfaction from 2012 to 2013;
all other questions saw no change



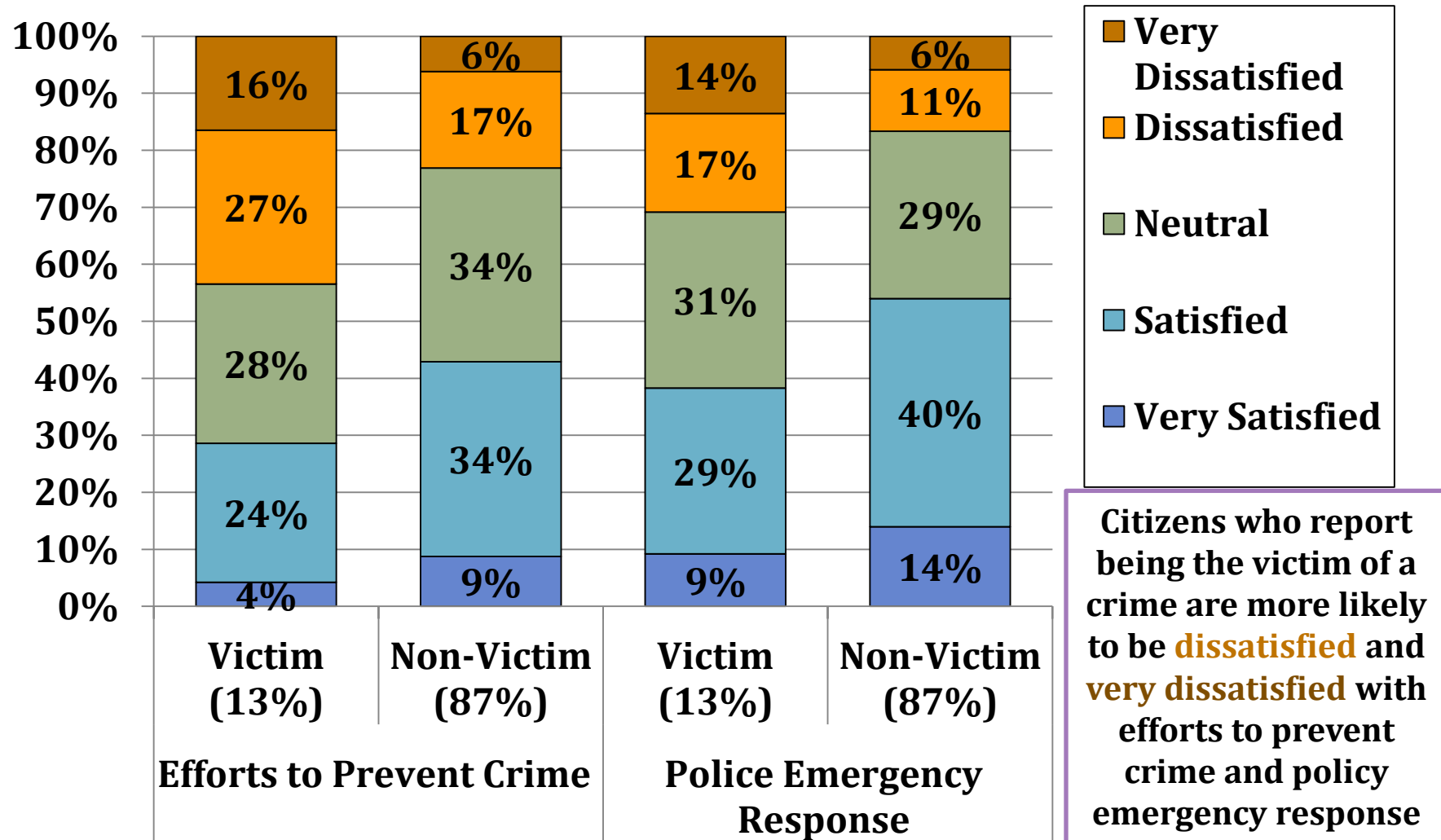
CITIZEN EMPHASIS FOR POLICE SERVICES

What two areas would you like to see receive the most emphasis from the City over the next two years?

Question	Emphasis	Satisfaction	E-S Rank
Overall efforts to reduce crime	45%	41%	1
Visibility of police in neighborhoods	39%	48%	2
How quickly police respond to emergencies	38%	52%	3
Effectiveness of local police protection	33%	62%	4
Enforcement of local traffic laws	9%	52%	5
Parking enforcement services	4%	47%	6

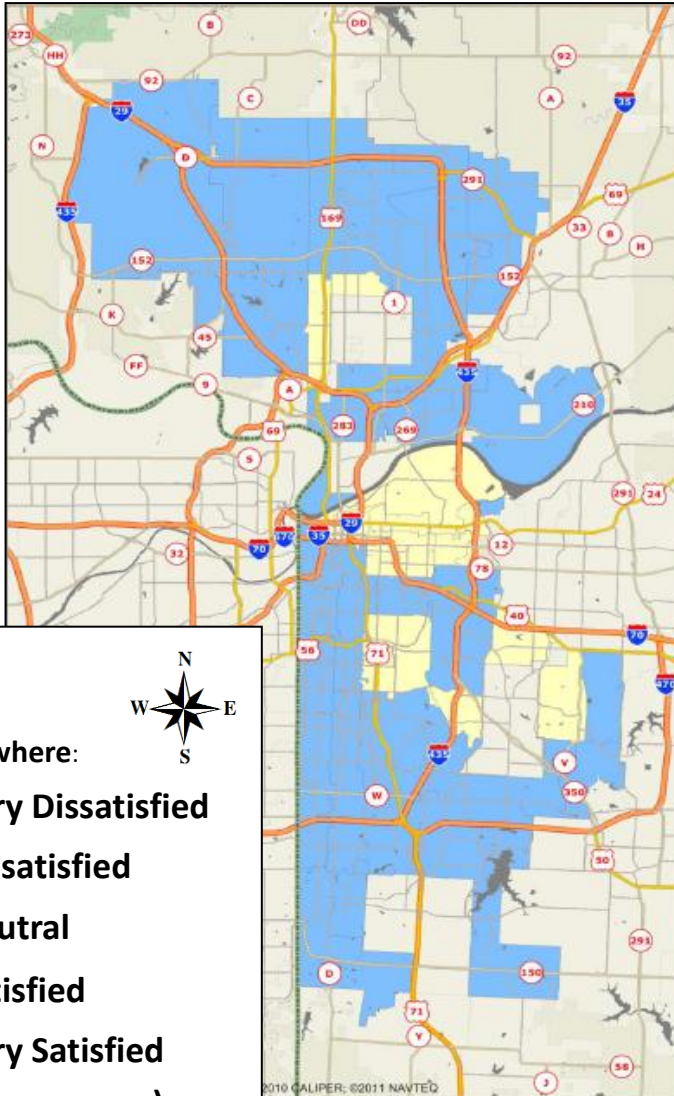
SATISFACTION BY VICTIMS VS. NON-VICTIMS OF CRIME

13% of residents report being the victim of a crime, according to the survey

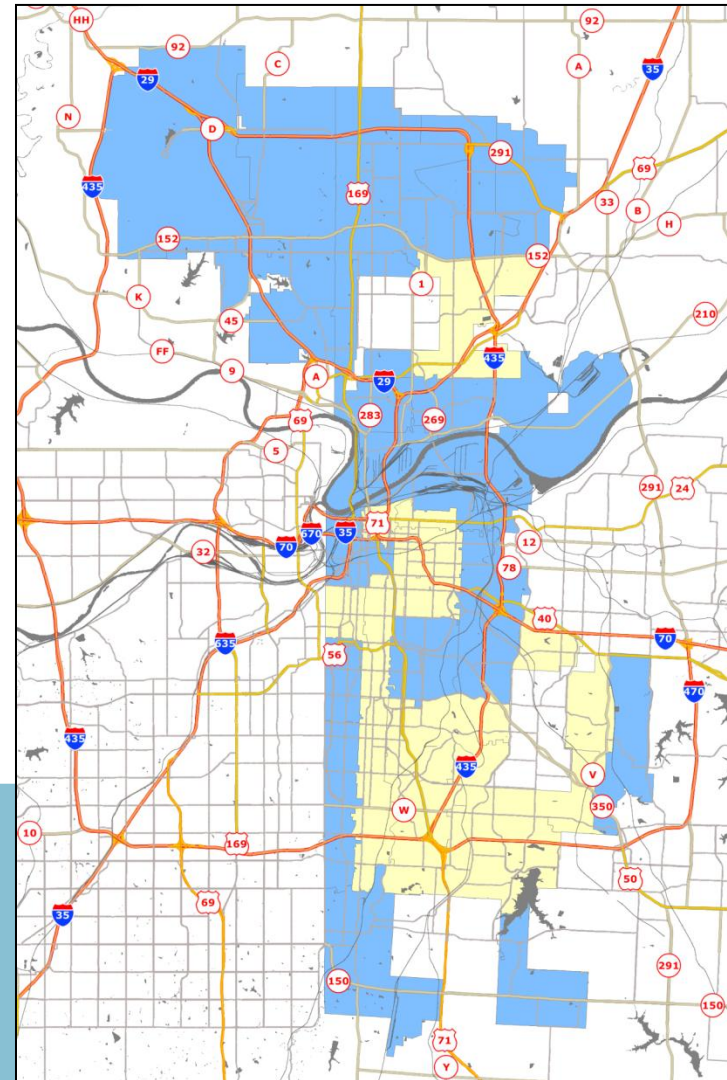


SATISFACTION WITH HOW QUICKLY POLICE RESPOND BY GEOGRAPHY

FY2012



FY2013



LEGEND

Mean rating
on a 5-point scale, where:

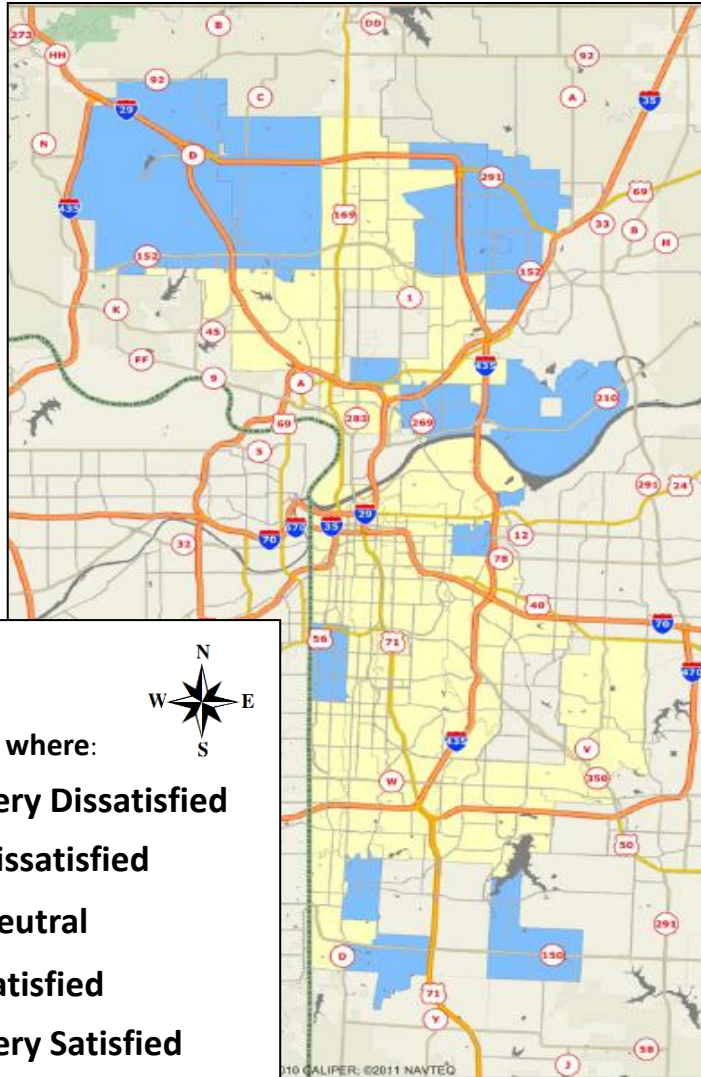


- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other (no responses)

Source: ETC Institute, Citizen Survey, FY2012, FY2013

SATISFACTION WITH VISIBILITY OF POLICE IN NEIGHBORHOODS BY GEOGRAPHY

FY2012

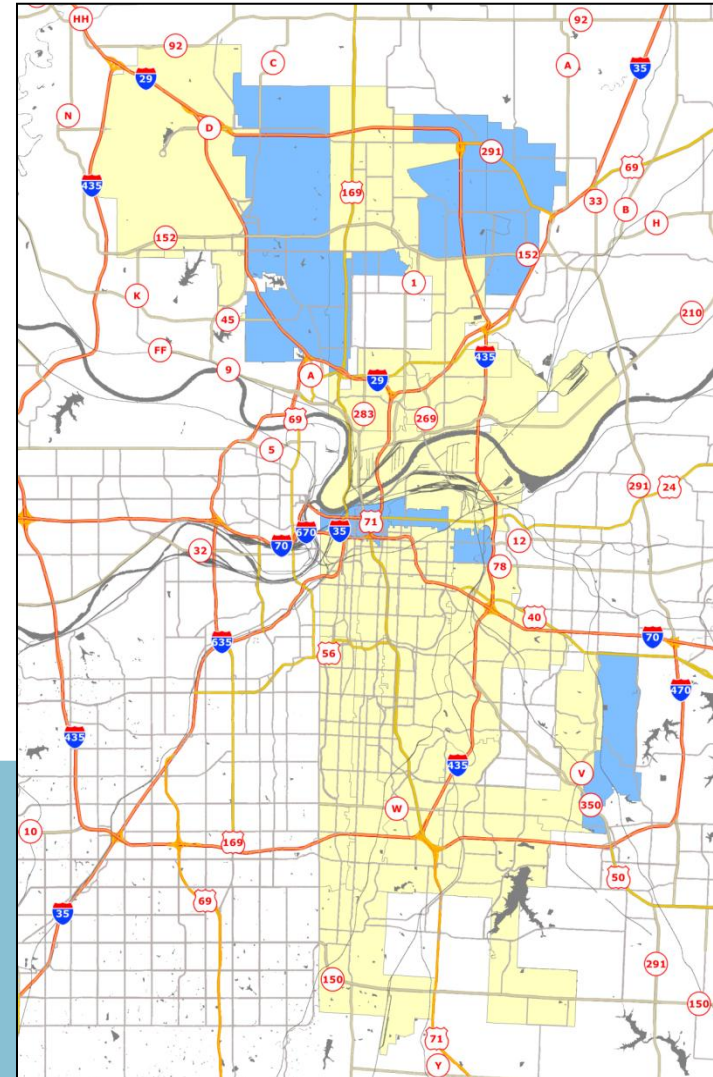


LEGEND

Mean rating
on a 5-point scale, where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other (no responses)

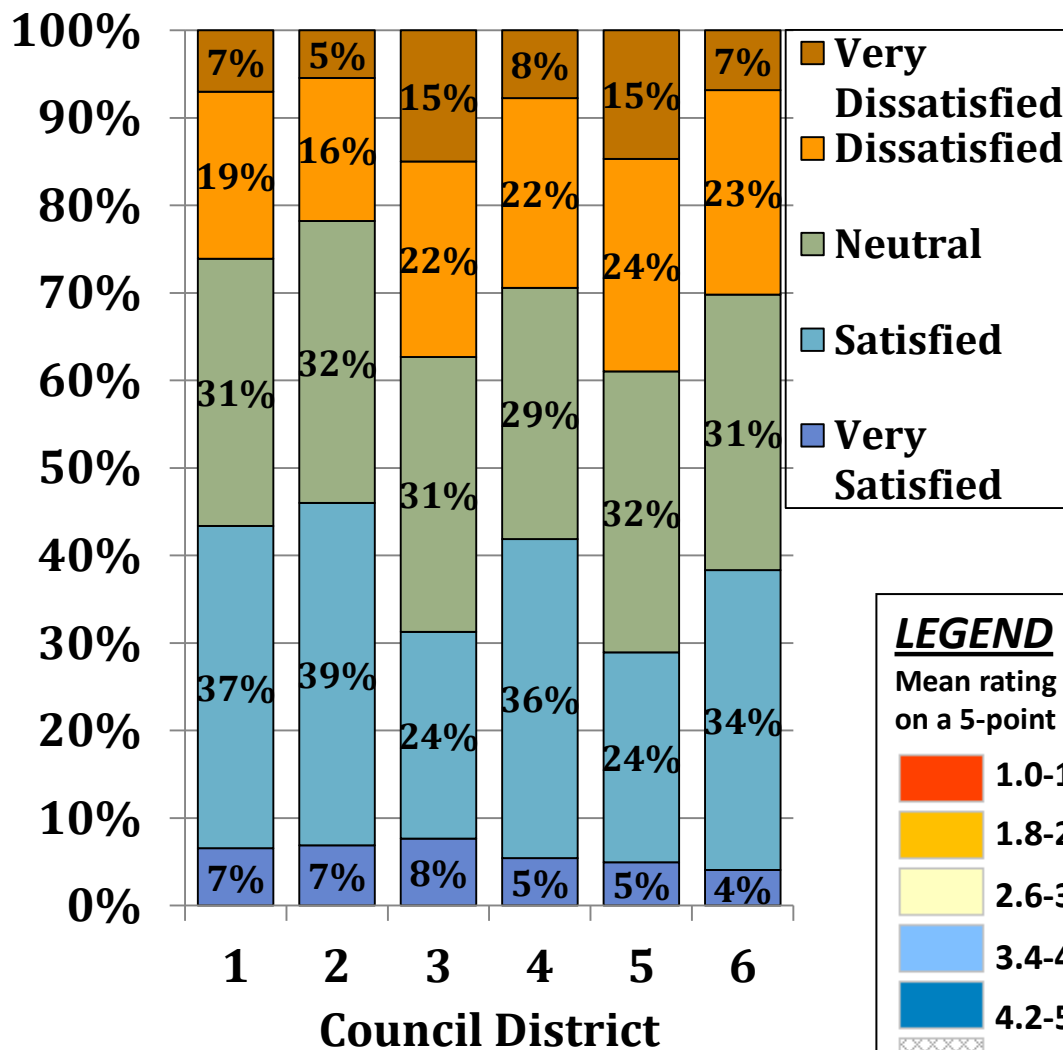
FY2013



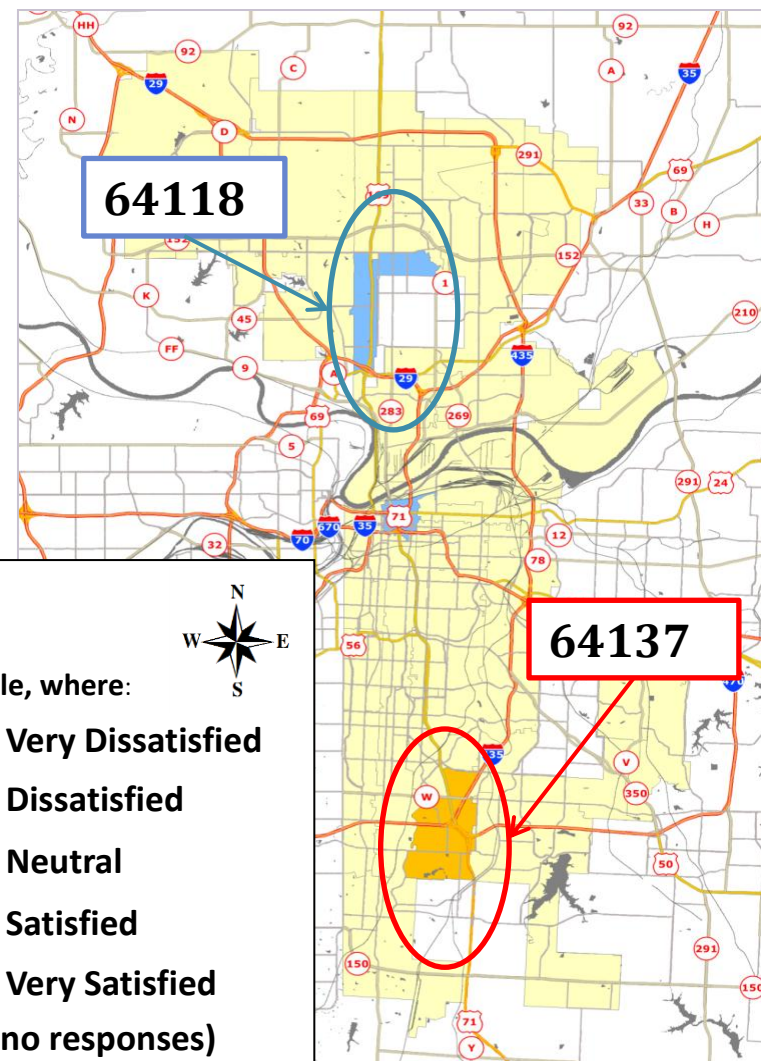
Source: ETC Institute, Citizen Survey, FY2012, FY2013

OVERALL FEELING OF SAFETY IN THE CITY

By Council District



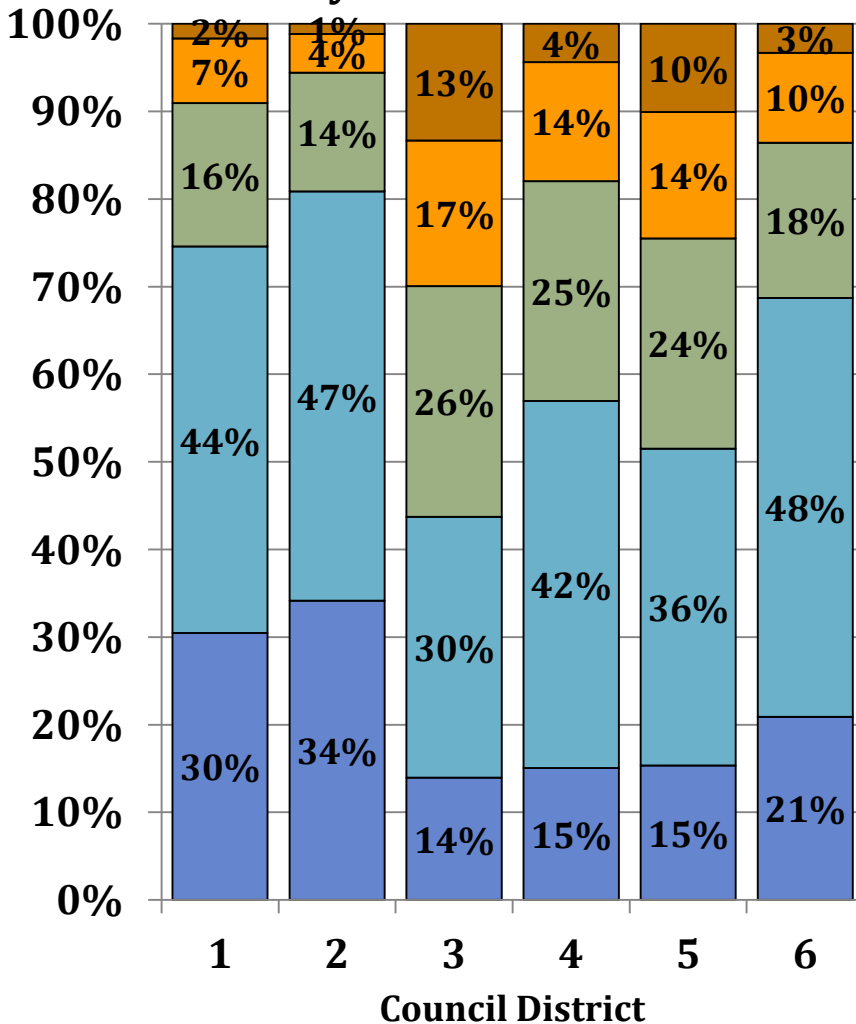
By Zip Code



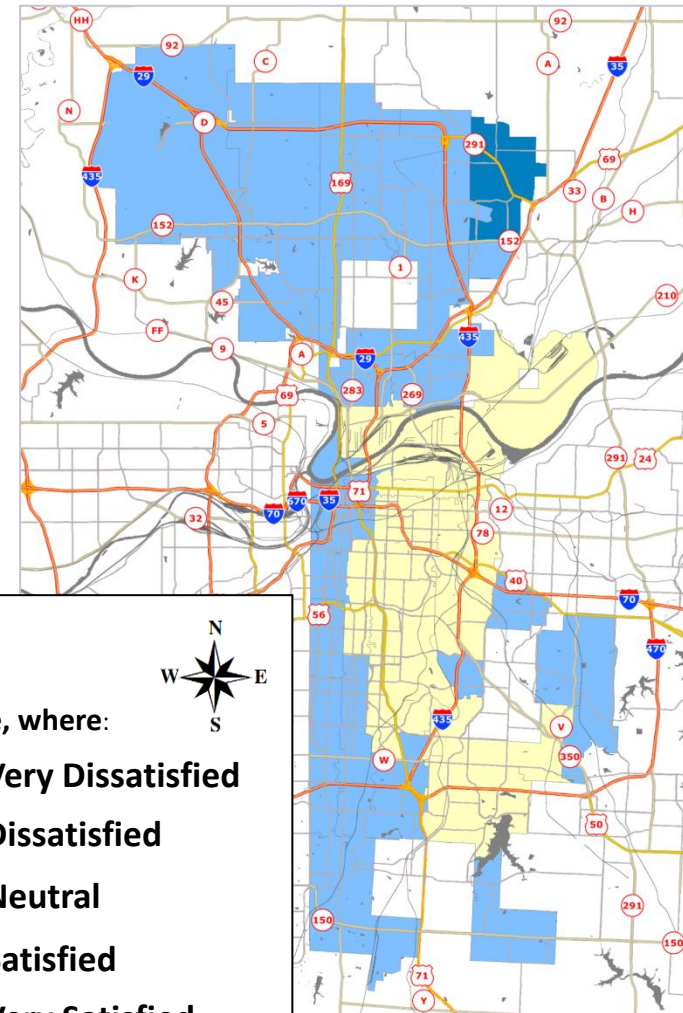
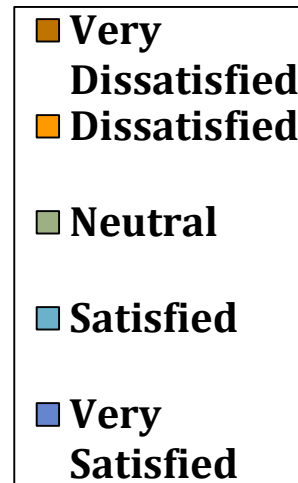
Source: ETC Institute, Citizen Survey, FY2013

HOW SAFE YOU FEEL IN YOUR NEIGHBORHOOD BY GEOGRAPHY

By Council District



By Zip Code



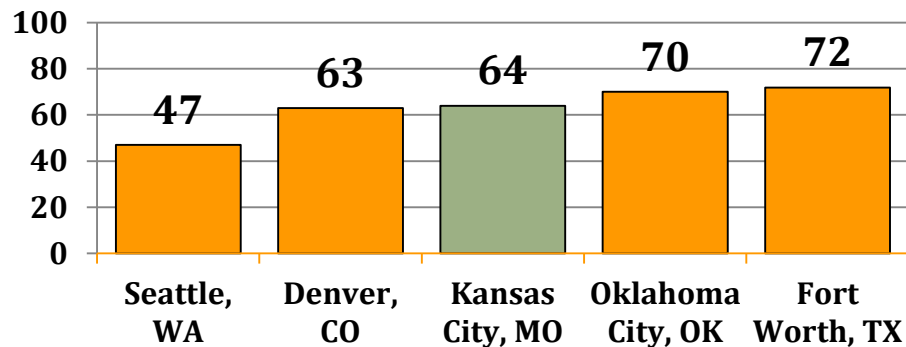
LEGEND

Mean rating
on a 5-point scale, where:

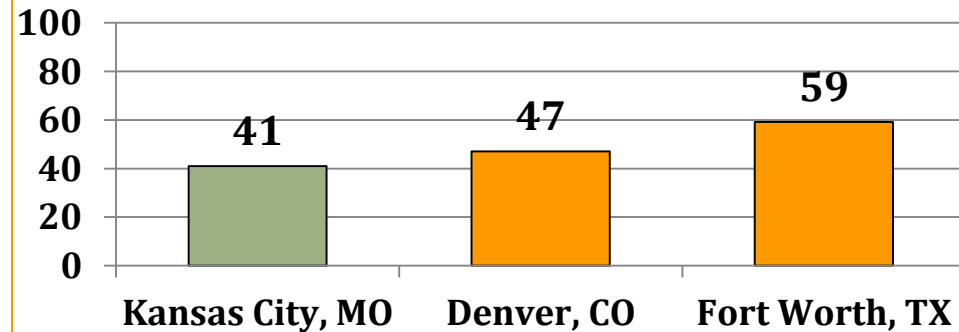


BENCHMARKING CITIZEN SATISFACTION WITH POLICE SERVICES

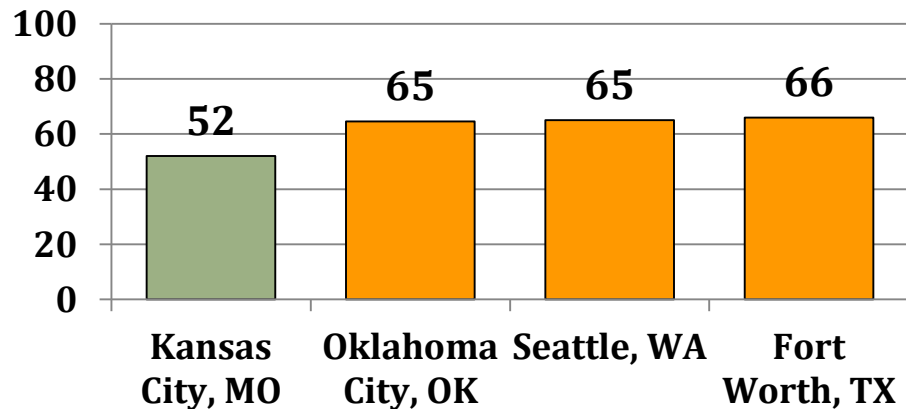
Satisfaction with the overall quality of police services



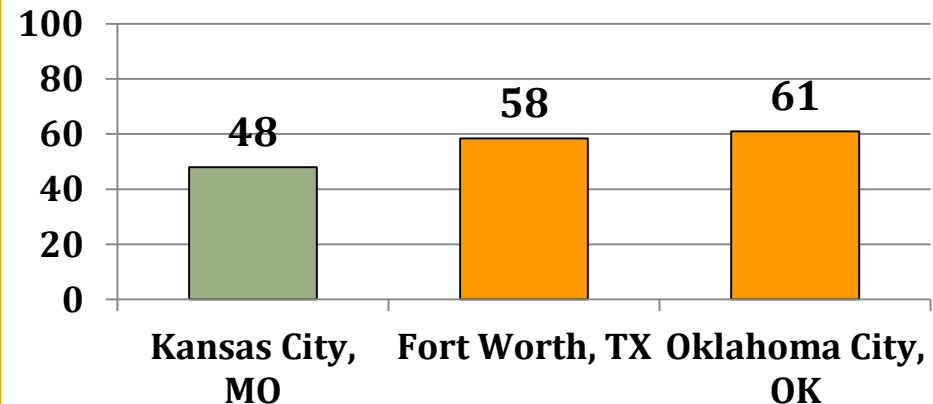
Satisfaction with the city's overall efforts to prevent crime



Satisfaction with how quickly police respond to emergencies



Satisfaction with the visibility of police in neighborhoods



BENCHMARKING POLICE SERVICES - PEER CITY TRENDS

Overall quality of police services:	Denver	Fort Worth	OKC	Seattle	KCMO
Overall quality of police services	↓	↔	↔	n/a	↔
Overall efforts to prevent crime	↔	↔	n/a	n/a	↔
Visibility of police in neighborhoods	n/a	↑	↓	n/a	↔
How quickly police respond	n/a	↑	n/a	↔	↓

Final Thoughts or Questions?

